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# ALBERTA STATISTICAL REVIEW

CANADIAN

MAR - 3 1992

FOURTH QUARTER, 1991

Alberta

TREASURY  
Bureau of Statistics



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**ALBERTA STATISTICAL REVIEW**  
**FOURTH QUARTER, 1991**

Alberta Bureau of Statistics  
Alberta Treasury  
Suite 600, Park Plaza  
10611 - 98 Avenue  
Edmonton, Alberta, Canada  
T5K 2R7  
Telephone (403) 427-3058  
Fax (403) 427-0409

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## SYMBOLS

The following symbols are used in this publication:

..	figures not available
...	figures not appropriate or not applicable
-	nil or zero
--	amount too small to be expressed
p	preliminary
r	revised
PP	Preliminary Postcensal Estimates
PR	Updated Postcensal Estimates
PD	Final Postcensal Estimates
X	confidential
i	intentions
C	Census of Canada
CMA	Census Metropolitan Area
NO.	number
M	thousand(s)
MM	million(s)
GW.H	gigawatt hours

NOTE: Components may not add to total due to rounding.

## PREFACE

The **Alberta Statistical Review** provides users with a comprehensive look at Alberta's economy and people in the form of statistical tables, charts and analysis. Although the emphasis is primarily on Alberta, many of the tables present information for Canada and the other provinces. Monthly and quarterly data are given for the latest two years and for a historical perspective, five years of annual data are presented.

Following the Alberta Census Division map is a summary table of current economic indicators for Canada and selected provinces. The 82 statistical tables are distributed among fourteen sections:

Population	Finance
Labour Force	Energy and Natural Resources
Income	Manufacturing
Prices	Construction
Gross Domestic Product	Agriculture
Investment	Retail Trade
International Trade	Travel

The statistics have been compiled from a variety of sources including Statistics Canada, federal and provincial government departments and the Alberta Bureau of Statistics. Sources of data are included with each table to assist users in obtaining more detailed data and additional information regarding definitions and concepts.

For further information or additional copies of this publication, please direct your enquiries to:

Data Services  
Alberta Bureau of Statistics  
Alberta Treasury  
Suite 600, Park Plaza  
10611-98 Avenue  
Edmonton, Alberta  
T5K 2R7

Telephone: (403)427-3058  
Fax: (403)427-0409





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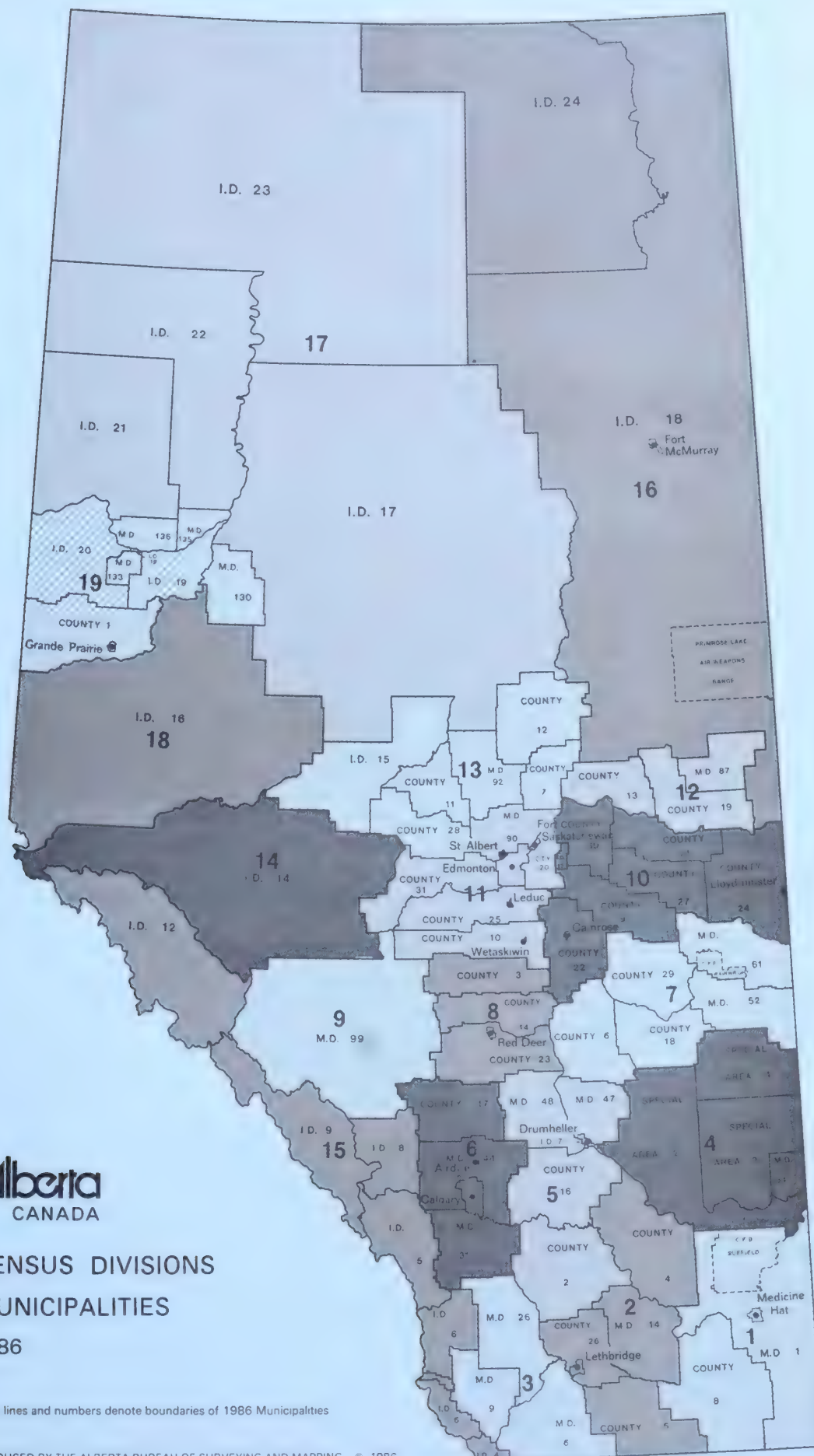
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**Alberta**  
CANADA

# CENSUS DIVISIONS MUNICIPALITIES 1986

Solid lines and numbers denote boundaries of 1986 Municipalities

PRODUCED BY THE ALBERTA BUREAU OF SURVEYING AND MAPPING © 1986



# CURRENT ECONOMIC INDICATORS CANADA AND SELECTED PROVINCES

	Reference Period	Canada	Alta.	B.C.	Sask.	Man.	Ont.
Population (Thousands)	Oct 1-91	27,126	2,539	3,244	995	1,097	9,961
Employment (Thousands)(1)	Dec-91	12,317	1,246	1,504	448	494	4,745
Unemployment Rate (%) (1)	Dec-91	10.3	9.1	10.0	7.2	8.2	9.7
Employment/Population Ratio (%) (1)	Dec-91	59.0	66.0	59.8	62.2	61.0	61.0
Consumer Price Index (1986=100)	Dec-91	126.4	124.9	124.0	124.9	125.7	127.7
Average Weekly Earnings (\$)	Oct-91	551	555	554	483	490	576
Manufacturing Shipments (\$Millions)	Jan-Nov-91	255,787	17,051	21,112	3,186	5,563	134,148
Retail Trade (\$Millions) (1)	Jan-Nov-91	164,257	17,283	21,698	4,802	5,651	60,298
Per Capita Retail Trade (\$)	Nov-91	577	641	623	471	501	590
Farm Cash Receipts (\$Millions)	Jan-Sep-91	15,392	3,022	867	2,905	1,399	3,928
Building Permits (\$Millions)	Jan-Oct-91	24,284	2,303	4,443	298	504	10,075
Housing Starts, All Areas	Jan-Sep-91	112,770	8,858	22,283	781	1,539	39,319
Housing Starts, Urban Areas (2)	Jan-Nov-91	119,874	9,316	25,177	540	1,383	43,055
Construction Work Purchased (\$Millions)	1991(i)	103,798	13,965	13,897	3,928	3,186	37,917
Personal Income (\$Millions)	1990	590,168	54,306	70,152	17,775	21,022	245,049
Per Capita Personal Income (\$)	1990	22,184	21,972	22,437	17,784	19,258	25,151
GDP at Market Prices (\$Millions)	1990	678,985	72,580	81,085	20,494	23,990	281,210
Per Capita GDP (\$)	1990	25,523	29,361	25,934	20,504	21,977	28,862
Private & Public Investment (\$Millions)	1991(i)	179,454	22,714	22,753	6,811	5,465	68,880

## Percent Change From The Same Period A Year Ago

Population	Oct 1-91	1.4	2.1	2.6	-0.2	0.4	1.6
Employment (1)	Dec-91	-0.9	0.8	2.2	-0.2	-0.8	-2.2
Unemployment Rate (1)	Dec-91	0.8*	1.4*	0.6*	0.2*	-0.1*	1.6*
Employment/Population Ratio (1)	Dec-91	-1.4*	-0.8*	-0.2*	-0.1*	-0.7*	-2.4*
Consumer Price Index	Dec-91	3.8	3.7	3.6	2.6	3.3	3.1
Average Weekly Earnings	Oct-91	5.3	6.6	4.0	5.8	4.5	5.6
Manufacturing Shipments	Jan-Nov-91	-6.2	-2.1	-7.2	-4.2	-13.8	-5.7
Retail Trade (1)	Jan-Nov-91	-6.5	-5.1	-3.3	-6.9	-6.5	-7.6
Farm Cash Receipts	Jan-Sep-91	-6.4	-8.7	-2.3	-8.7	-6.4	-4.1
Building Permits	Jan-Oct-91	-16.0	-12.9	-0.1	-31.8	-22.8	-20.0
Housing Starts, All Areas	Jan-Sep-91	-22.9	-37.3	-26.8	-35.7	-43.6	-24.1
Housing Starts, Urban Areas (2)	Jan-Nov-91	-15.9	-32.8	-16.4	-44.8	-36.3	-15.6
Construction Work Purchased	1991(i)	1.9	3.2	-4.0	5.7	-0.5	1.1
Personal Income	1990	7.5	7.5	8.6	4.3	6.4	7.5
GDP at Market Prices	1990	4.0	8.7	6.2	4.5	2.2	2.9
Private & Public Investment	1991(i)	2.7	4.0	-1.9	6.5	0.6	3.3

(1) Seasonally Adjusted

(2) Urban Centres of Population 10,000 and Over

\* Change in Percentage Points

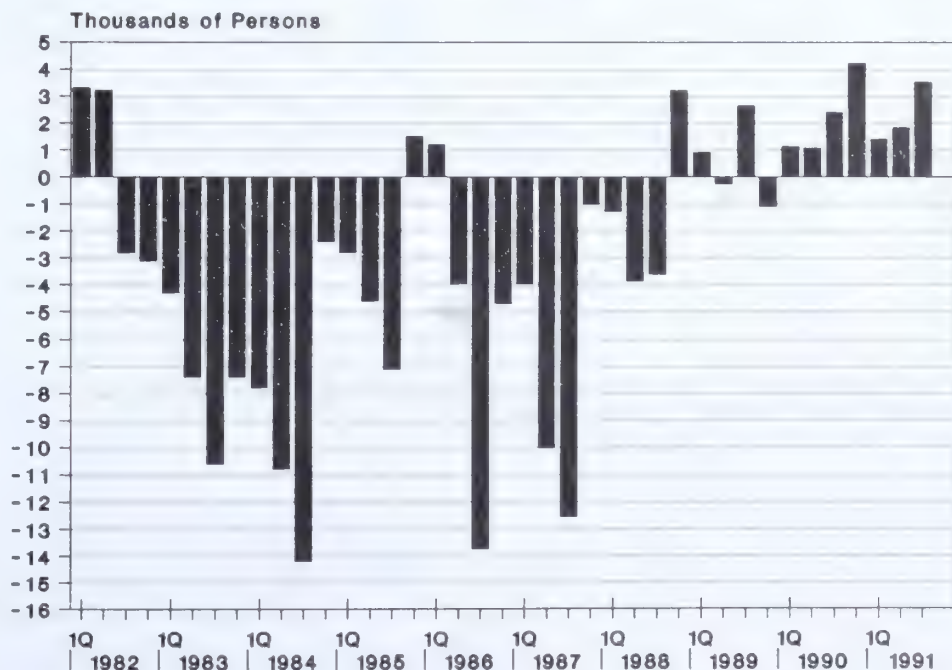




- As of October 1, 1991, Alberta's *population* stood at 2,538,500, up 2.0% from October 1, 1990. The only province to experience a higher growth rate was B.C. at 2.6%. In comparison, Canada's population grew 1.4%.
- Alberta *net interprovincial migration* during the third quarter of 1991 was 3,520, almost double the net inflow during the previous quarter and 46.1% higher than the same quarter last year. The continuing migration from Ontario and Saskatchewan to Alberta contributed significantly to the net inflow.

Chart 1

## Alberta Net Interprovincial Migration



## 1.1 POPULATION OF CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.*	B.C.	Yukon	N.W.T.
(Thousands)													
1981 (C)	24,342	568	123	847	696	6,438	8,625	1,026	968	2,237	2,744	23	46
1982	24,583	566	122	850	697	6,462	8,703	1,033	977	2,315	2,788	24	47
1983	24,787	571	124	857	703	6,475	8,798	1,046	989	2,339	2,814	23	49
1984	24,978	572	125	864	708	6,492	8,902	1,055	1,001	2,339	2,848	23	50
1985	25,165	572	126	871	710	6,514	9,006	1,064	1,008	2,349	2,870	24	52
1986 (C)	25,353	568	127	873	710	6,540	9,113	1,071	1,010	2,375	2,889	24	52
1987 (PD)	25,617	568	127	878	712	6,593	9,265	1,079	1,016	2,378	2,925	25	52
1988 (PD)	25,909	569	129	882	714	6,641	9,431	1,084	1,014	2,389	2,980	25	52
1989 (PD)	26,240	571	130	888	718	6,698	9,590	1,086	1,007	2,426	3,048	26	53
1990 (PR)	26,603	573	130	894	723	6,769	9,743	1,092	1,000	2,472	3,127	26	54
1991 (PP)	26,992	574	130	900	727	6,845	9,906	1,096	997	2,522	3,213	27	55
% Change 1991/90	1.5	0.2	0.0	0.7	0.6	1.1	1.7	0.4	-0.3	2.0	2.8	3.8	1.9
1989													
Jan 1 (PD)	26,098	569	129	886	716	6,672	9,525	1,084	1,008	2,408	3,024	25	52
Apr 1 (PD)	26,175	570	130	887	717	6,686	9,560	1,085	1,007	2,418	3,037	26	53
Jul 1 (PR)	26,273	572	130	889	718	6,705	9,603	1,087	1,007	2,429	3,054	26	53
Oct 1 (PR)	26,370	573	130	890	720	6,724	9,644	1,087	1,003	2,442	3,077	26	53
1990													
Jan 1 (PR)	26,453	573	131	892	722	6,740	9,678	1,088	1,001	2,450	3,100	26	53
Apr 1 (PR)	26,530	573	130	893	722	6,755	9,710	1,090	1,000	2,461	3,116	26	54
Jul 1 (PR)	26,639	574	130	895	724	6,778	9,759	1,092	1,000	2,474	3,134	26	54
Oct 1 (PR)	26,744	573	130	896	725	6,798	9,803	1,093	997	2,487	3,163	26	54
1991													
Jan 1 (PR)	26,833	573	130	898	726	6,812	9,840	1,093	995	2,501	3,186	27	54
Apr 1 (PP)	26,920	573	130	898	726	6,830	9,877	1,094	996	2,513	3,200	27	54
Jul 1 (PP)	27,023	574	130	901	727	6,851	9,919	1,097	997	2,525	3,219	27	55
Oct 1 (PP)	27,126	576	129	904	727	6,873	9,961	1,097	995	2,539	3,244	27	55
% Change Oct-91/Oct-90	1.4	0.5	-0.8	0.9	0.3	1.1	1.6	0.4	-0.2	2.1	2.6	3.8	1.9

Source: \*Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter 1986.  
 Alberta Bureau of Statistics, "Quarterly Population Growth"  
 Statistics Canada, Catalogue No.'s 91-002 and 91-210

(C) Census population which have been adjusted to June 1.

Note: Annual population are as of June 1.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1 AND 10 AND ASIST MATRIX 6128 \*\*



## 1.2 POPULATION BY AGE GROUPS AND SEX, ALBERTA

	June 1, 1990			June 1, 1991(1)		
	Total	Male	Female	Total	Male	Female
Total Population	2,471,600	1,239,500	1,232,000	2,521,500	1,263,800	1,257,700
0-4 Years	209,900	107,200	102,800	213,100	108,700	104,400
5-9	196,300	100,900	95,400	200,800	103,200	97,600
10-14	178,400	91,700	86,700	181,500	93,400	88,100
15-19	180,600	92,300	88,200	180,700	92,300	88,500
20-24	192,900	97,900	95,000	196,600	100,200	96,400
25-29	233,300	116,400	116,900	226,100	113,000	113,200
30-34	243,400	123,300	120,100	245,500	123,900	121,700
35-39	213,800	108,900	105,000	224,400	114,100	110,300
40-44	178,000	90,300	87,800	187,600	95,100	92,500
45-49	131,900	67,300	64,700	138,000	70,300	67,700
50-54	106,800	54,400	52,400	109,700	55,800	54,000
55-59	98,200	50,100	48,100	99,200	50,400	48,800
60-64	87,600	43,600	44,000	89,700	44,700	45,000
65-69	74,500	34,800	39,700	75,900	35,500	40,400
70-74	57,000	25,400	31,500	59,600	26,700	32,800
75-79	42,700	18,000	24,700	44,500	18,800	25,700
80-84	26,400	10,400	16,000	27,600	10,700	16,900
85-89	13,900	5,000	8,800	14,400	5,200	9,300
90 Years and Over	6,000	1,800	4,200	6,500	1,900	4,600

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada.  
 Alberta Bureau of Statistics, "Quarterly Population Growth"  
 Statistics Canada, Catalogue No. 91-210

(1) Preliminary estimates, not 1991 Census of Canada data.  
 Note: Some numbers may not add due to rounding.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6141 \*\*

### 1.3 ALBERTA POPULATION EXCHANGE WITH OTHER PROVINCES

		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	B.C.	N.W.T.	Total
		(Number)										
Migration to Alberta												
1986		1,120	260	2,100	1,180	1,680	10,950	3,890	9,630	20,510	1,710	52,990
1987		890	210	1,510	1,010	1,620	10,050	3,890	9,290	15,190	1,650	45,300
1988		940	210	1,570	1,110	1,900	12,450	4,990	13,380	16,530	1,770	54,820
1989		1,070	200	1,890	1,130	2,640	16,760	5,930	14,990	19,530	2,030	66,160
1990		1,290	350	2,050	1,610	3,180	21,310	6,940	17,300	21,610	2,190	77,840
1990	Jan-Mar	280	40	260	310	360	3,190	970	3,230	4,190	310	13,140
	Apr-Jun	170	90	350	220	310	3,550	1,330	3,290	4,560	420	14,310
	Jul-Sep	510	140	810	710	1,470	8,040	2,690	5,930	6,840	800	27,930
	Oct-Dec	320	80	630	380	1,040	6,530	1,960	4,860	6,020	660	22,460
1991(p)	Jan-Mar	210	60	160	130	410	2,760	1,090	2,990	3,890	400	12,110
	Apr-Jun	260	70	230	210	600	3,440	1,250	2,720	4,570	460	13,800
	Jul-Sep	520	320	1,040	570	1,460	6,490	2,300	5,890	7,760	750	27,090
	Oct-Dec											
Migration from Alberta												
1986		1,660	310	2,100	1,250	3,010	28,050	4,240	7,960	24,150	1,480	74,200
1987		1,110	350	2,190	1,320	2,500	24,270	4,330	7,100	27,810	1,940	72,890
1988		980	320	1,750	1,170	2,050	16,590	3,150	5,500	27,190	1,660	60,360
1989		1,010	360	1,880	1,160	1,680	15,140	3,750	6,490	30,570	1,940	63,950
1990		820	260	1,860	1,250	2,220	14,100	3,890	8,740	33,860	2,050	69,040
1990	Jan-Mar	150	10	230	140	440	2,260	550	1,560	6,330	360	12,030
	Apr-Jun	70	50	400	250	370	3,070	830	1,900	5,920	360	13,230
	Jul-Sep	410	140	690	530	880	5,650	1,460	3,050	11,880	850	25,520
	Oct-Dec	190	60	530	320	530	3,120	1,060	2,230	9,730	470	18,250
1991(p)	Jan-Mar	130	40	200	120	220	1,850	520	1,780	5,460	400	10,710
	Apr-Jun	150	60	300	200	240	2,310	680	1,700	5,990	370	11,980
	Jul-Sep	410	100	840	430	900	4,770	1,600	3,090	10,870	560	23,570
	Oct-Dec											
Net Exchange												
1986		-550	-60	0	-80	-1,330	-17,090	-360	1,660	-3,650	240	-21,210
1987		-230	-130	-670	-310	-860	-14,230	-460	2,190	-12,610	-300	-27,590
1988		-40	-110	-180	-60	-150	-4,140	1,840	7,880	-10,660	110	-5,540
1989		60	-160	10	-30	960	1,620	2,180	8,500	-11,040	90	2,210
1990		470	90	190	360	960	7,210	3,050	8,560	-12,250	140	8,810
1990	Jan-Mar	130	30	30	170	-80	930	420	1,670	-2,140	-50	1,110
	Apr-Jun	100	40	-50	-30	-60	480	500	1,390	-1,360	60	1,080
	Jul-Sep	100	0	120	180	590	2,390	1,230	2,880	-5,040	-50	2,410
	Oct-Dec	130	20	100	60	510	3,410	900	2,630	-3,710	190	4,210
1991(p)	Jan-Mar	80	20	-40	10	190	910	570	1,210	-1,570	0	1,400
	Apr-Jun	110	10	-70	10	360	1,130	570	1,020	-1,420	90	1,820
	Jul-Sep	110	220	200	140	560	1,720	700	2,800	-3,110	190	3,520
	Oct-Dec											

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter 1986.  
 Alberta Bureau of Statistics, "Quarterly Population Growth"  
 Statistics Canada, Catalogue No. 91-002

Note: Beginning with 1986, N.W.T. data include the Yukon.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6141 \*\*

## 1.4 POPULATION GROWTH BY COMPONENT, ALBERTA

	Net Migration			Natural Increase	Population Growth
	Interprovincial	International	Total		
	(Number)				
1986	-21,210	2,310	-18,900	30,240	11,340
1987	-27,590	5,300	-22,290	28,790	6,500
1988	-5,540	8,410	2,870	28,160	31,030
1989	2,210	10,550	12,760	29,500	42,260
1990	8,810	12,970	21,780	29,400	51,180
1990					
Jan-Mar	1,110	2,690	3,800	7,110	10,910
Apr-Jun	1,080	4,060	5,140	7,960	13,100
Jul-Sep	2,410	3,250	5,660	7,270	12,930
Oct-Dec	4,210	2,970	7,180	7,060	14,240
1991 (p)					
Jan-Mar	1,400	2,750	4,150	7,570	11,720
Apr-Jun	1,820	2,630	4,450	7,580	12,030
Jul-Sep	3,520	2,520	6,040	7,300	13,340
Oct-Dec					

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter, 1986.

Alberta Bureau of Statistics, "Quarterly Population Growth"

Statistics Canada, Catalogue No. 91-002

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6128 \*\*

## 1.5 VITAL STATISTICS, ALBERTA

	Live Births	Deaths	Natural Increase	Marriages	Divorces
	(Number)				
1986	43,850	13,610	30,240	18,896	9,386
1987	42,110	13,320	28,790	18,640	9,170
1988	42,050	13,890	28,160	19,272	8,644
1989	43,350	13,850	29,500	19,888	8,227
1990	43,370	13,970	29,400	20,130	..
1990					
Jan-Mar	10,710	3,600	7,110	2,400	..
Apr-Jun	11,280	3,320	7,960	5,580	..
Jul-Sep	10,660	3,390	7,270	8,230	..
Oct-Dec	10,720	3,660	7,060	3,920	..
1991 (p)					
Jan-Mar	11,450	3,880	7,570	2,350	..
Apr-Jun	11,100	3,520	7,580	5,590	..
Jul-Sep	10,730	3,430	7,300	8,340	..
Oct-Dec					

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter 1986.

Alberta Bureau of Statistics, "Quarterly Population Growth"

Statistics Canada, Catalogue No.'s 91-002, 82-003S #16, 82-003S #17

Note: Some numbers may not add due to the revision of annual numbers.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6128 AND 820 \*\*



## 1.6 POPULATION PROJECTIONS, ALBERTA

	1987*	1991	1996	2001	2006	2011	2016
(Thousands)							
<b>Projection Series 1</b>							
Total	2,380.1	2,442.1	2,542.2	2,639.8	2,737.2	2,836.7	2,924.2
Male	1,196.7	1,224.4	1,272.3	1,320.4	1,368.8	1,420.0	1,465.2
Female	1,183.4	1,217.7	1,269.9	1,319.5	1,368.3	1,416.7	1,459.0
0-14 Years	567.6	577.3	566.3	519.6	473.3	457.4	453.2
15-24	396.1	339.9	349.9	388.8	413.2	386.1	343.1
25-44	825.1	866.2	850.3	808.2	763.3	779.2	827.9
45-64	390.7	436.3	519.4	637.0	769.5	840.9	835.8
65 and Over	200.6	222.4	256.4	286.2	317.8	373.1	464.2
<b>Projection Series 5</b>							
Total	2,380.1	2,472.0	2,614.4	2,769.3	2,932.3	3,107.7	3,275.9
Male	1,196.7	1,240.7	1,311.5	1,390.2	1,473.8	1,565.3	1,653.2
Female	1,183.4	1,231.3	1,303.0	1,379.0	1,458.5	1,542.5	1,622.8
0-14 Years	567.6	586.0	590.6	566.0	543.6	550.7	569.3
15-24	396.1	347.8	361.6	407.6	441.3	430.0	403.2
25-44	825.1	877.9	881.7	861.8	840.2	877.2	944.1
45-64	390.7	437.6	523.7	646.3	786.6	872.2	887.8
65 and Over	200.6	222.7	256.9	287.5	320.6	377.6	471.5
<b>Projection Series 9</b>							
Total	2,380.1	2,511.4	2,714.3	2,934.9	3,167.8	3,427.7	3,692.0
Male	1,196.7	1,262.2	1,365.3	1,479.0	1,599.4	1,735.2	1,873.1
Female	1,183.4	1,249.3	1,349.0	1,455.8	1,568.4	1,692.6	1,818.9
0-14 Years	567.6	597.8	626.0	631.9	642.9	684.3	740.6
15-24	396.1	358.0	378.3	429.2	471.3	478.7	474.3
25-44	825.1	893.0	922.4	927.5	924.4	974.9	1,051.9
45-64	390.7	439.5	529.1	656.6	805.5	907.5	946.4
65 and Over	200.6	223.2	258.4	289.7	323.6	382.3	478.9

Source: Alberta Bureau of Statistics, "Population Projections, Alberta, 1987-2016"

\* Estimate

Note: Data refers to June 1 of reference year.

The projections are based on a combination of assumptions related to natural increase and net migration. All of the projection series have the same mortality assumption. Series 1 uses low fertility and low migration assumptions, Series 5 uses medium fertility and medium migration assumptions, and Series 9 uses high fertility and high migration assumptions.

See the source publication for further information.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6801-6809 \*\*



## 1.7 POPULATION OF ALBERTA CENSUS DIVISIONS AND CITIES

	1987	1988	1989	1990	1991
Alberta (1)	2,377,700	2,388,700	2,425,900	2,471,600	2,521,500
Census Divisions*(1)		(r)	(r)	(r)	
Census Division 1	56,800	56,400	57,100	57,300	58,000
Census Division 2	115,900	115,200	115,600	116,900	118,500
Census Division 3	36,600	36,400	36,400	36,600	36,900
Census Division 4	12,200	12,100	12,000	12,000	11,900
Census Division 5	38,800	39,800	40,100	39,200	40,100
Census Division 6	719,400	731,700	748,500	770,100	789,800
Census Division 7	40,400	39,600	39,500	39,300	39,100
Census Division 8	119,900	120,200	122,100	124,000	126,700
Census Division 9	16,000	16,000	16,200	16,300	16,500
Census Division 10	76,600	77,100	76,800	76,600	77,400
Census Division 11	812,400	814,500	827,200	845,200	863,600
Census Division 12	45,000	44,600	45,400	44,900	45,200
Census Division 13	55,000	55,200	55,500	56,300	57,100
Census Division 14	25,100	25,100	25,400	25,700	26,000
Census Division 15	24,400	24,200	25,200	26,100	26,900
Census Division 16	47,300	46,800	47,600	47,800	48,700
Census Division 17	49,200	49,300	49,700	50,100	50,900
Census Division 18	13,700	13,700	13,900	13,900	14,200
Census Division 19	72,900	70,900	71,800	73,300	74,200
Cities (2)					
Airdrie	10,461	10,957	11,424	11,904	12,289
Calgary CMA*(3)	676,600	686,100	702,400	723,300	742,900
Calgary (City)	647,285	657,118	671,138	692,885	708,593
Camrose	12,968	12,968	12,968	12,968	12,968
Drumheller	6,366	6,366	6,366	6,366	6,366
Edmonton CMA*(3)	790,100	791,300	804,200	823,700	842,100
Edmonton (City)	576,249	576,249	583,872	605,538	614,665
Fort McMurray	34,949	34,949	33,698	33,698	33,698
Fort Saskatchewan	11,983	11,983	11,983	11,753	11,753
Grande Prairie	26,471	26,648	27,208	27,558	28,350
Leduc	13,126	13,126	13,363	13,566	13,822
Lethbridge	60,610	60,610	60,614	60,614	60,614
Lloydminster (Alta. Portion)	10,201	10,201	10,201	10,201	10,201
Lloydminster (Sask. Portion)(4)	7,257	7,257	6,635	7,317	..
Medicine Hat	41,804	42,290	42,290	42,929	42,929
Red Deer	54,309	54,839	55,947	56,922	58,252
Spruce Grove	11,918	11,918	12,332	12,403	12,403
St. Albert	37,008	38,318	39,388	40,707	41,745
Wetaskiwin	10,103	10,103	10,103	10,203	10,203

Sources: (1) Alberta Bureau of Statistics

(2) Alberta Municipal Affairs, Municipal Services Branch (as of June 30 for each year)

(3) Statistics Canada, Demography Division

(4) City of Lloydminster

Note: 1991 data are not Census of Canada figures (those figures are not yet available).

\* Based on 1986 boundaries.

Note: Data refer to June 1 of reference year.

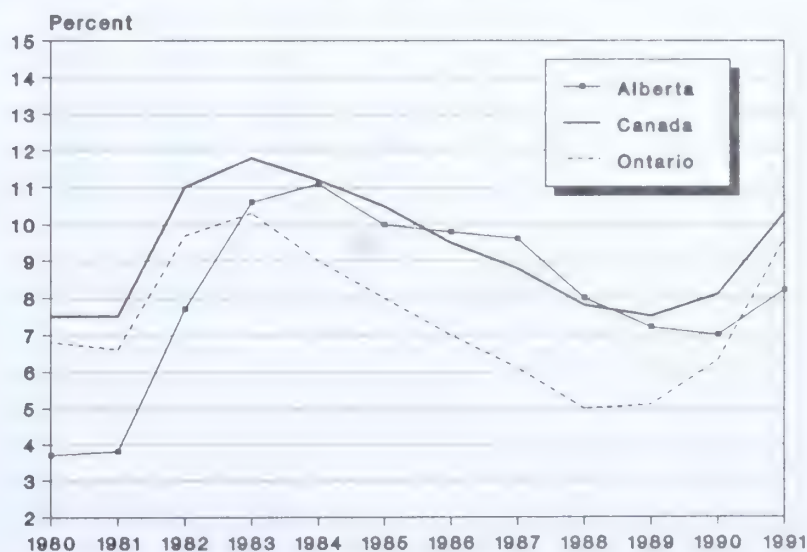
\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6127 AND 6900 \*\*



- Compared to 1990, annual average 1991 *unemployment rates* were higher in all provinces. Rates ranged from 7.4% in Saskatchewan to 18.4% in Newfoundland. Following 7.0% in 1990 (lowest rate since 1981), Alberta's rate moved up to 8.2%, the second lowest in the country. Canada's rate rose from 8.1% to 10.3%, the first year over 10.0% since 1985.
- In 1990, annual average *employment levels* rose in all provinces except Ontario and Newfoundland. In 1991, only Alberta and B.C. continued to record employment gains. Jobs were up 15,000 and 20,000, respectively.
- While employment was up in 1991, Alberta also experienced a large gain in the number of persons entering the labour market. The annual average *labour force* increased 33,000, more than double the gain during the previous year and the greatest increase since the early 1980's.

Chart 2

Annual Average Unemployment Rates



## 2.1 EMPLOYMENT, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1987	11,861	183	52	350	272	2,918	4,689	492	453	1,147	1,306
1988	12,245	193	54	366	280	3,001	4,862	494	451	1,187	1,358
1989	12,486	201	54	373	284	3,031	4,949	498	446	1,214	1,435
1990	12,572	201	55	379	291	3,055	4,937	505	449	1,231	1,469
1991	12,340	197	53	371	286	2,987	4,770	494	449	1,246	1,489
% Change 1991/90	-1.8	-2.0	-3.6	-2.0	-1.8	-2.2	-3.4	-2.2	0.0	1.2	1.4
1990											
Jan	12,208	183	48	356	273	2,945	4,854	489	426	1,202	1,431
Feb	12,288	184	49	358	271	2,956	4,910	494	432	1,209	1,426
Mar	12,314	186	49	360	271	2,972	4,894	498	436	1,215	1,433
Apr	12,428	186	51	364	277	3,014	4,918	507	438	1,219	1,452
May	12,717	197	58	378	298	3,093	4,987	516	457	1,240	1,494
Jun	12,954	210	62	390	306	3,197	5,053	516	465	1,255	1,499
Jul	13,066	227	62	403	310	3,219	5,064	525	467	1,263	1,527
Aug	12,983	224	64	404	317	3,167	5,042	521	472	1,257	1,515
Sep	12,660	210	60	387	305	3,106	4,906	507	462	1,235	1,483
Oct	12,590	209	57	386	298	3,061	4,929	505	452	1,225	1,468
Nov	12,403	199	52	384	285	2,988	4,868	496	444	1,229	1,459
Dec	12,248	195	51	379	277	2,939	4,819	487	438	1,221	1,442
1991											
Jan	11,952	185	48	363	271	2,849	4,683	484	435	1,209	1,426
Feb	11,956	184	47	359	273	2,874	4,647	483	432	1,220	1,437
Mar	11,994	183	47	356	265	2,888	4,658	481	436	1,229	1,451
Apr	12,119	181	49	359	267	2,918	4,705	489	442	1,234	1,476
May	12,478	191	56	374	291	3,025	4,808	501	458	1,261	1,512
Jun	12,697	200	59	381	301	3,103	4,866	510	467	1,282	1,528
Jul	12,812	221	61	388	305	3,137	4,912	506	468	1,278	1,536
Aug	12,762	216	61	391	310	3,106	4,907	506	466	1,279	1,521
Sep	12,461	208	56	374	298	3,030	4,780	500	454	1,252	1,509
Oct	12,452	204	53	375	292	3,030	4,794	493	447	1,249	1,514
Nov	12,269	200	50	368	279	2,972	4,767	484	441	1,223	1,485
Dec	12,129	190	49	368	276	2,910	4,711	484	436	1,231	1,474
% Change Dec-91/Dec-90	-1.0	-2.6	-3.9	-2.9	-0.4	-1.0	-2.2	-0.6	-0.5	0.8	2.2

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*



## 2.2 EMPLOYMENT, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1990 (r)											
Jan	12,620	201	54	374	292	3,070	4,982	501	442	1,234	1,472
Feb	12,632	200	55	376	290	3,063	5,009	506	448	1,232	1,456
Mar	12,620	202	55	377	291	3,068	4,990	509	450	1,232	1,450
Apr	12,652	200	55	379	295	3,084	4,980	513	449	1,235	1,460
May	12,595	198	55	374	292	3,076	4,948	509	449	1,226	1,473
Jun	12,598	194	56	377	289	3,077	4,952	502	450	1,225	1,462
Jul	12,601	199	55	381	290	3,073	4,927	508	449	1,230	1,479
Aug	12,553	201	56	381	291	3,046	4,905	506	452	1,225	1,477
Sep	12,566	201	56	380	291	3,064	4,905	503	453	1,231	1,478
Oct	12,510	204	56	381	291	3,030	4,915	504	449	1,227	1,466
Nov	12,472	204	54	384	289	3,002	4,872	503	449	1,238	1,478
Dec	12,432	205	54	382	287	3,000	4,854	498	449	1,236	1,472
1991 (r)											
Jan	12,362	203	54	381	289	2,969	4,809	496	451	1,240	1,468
Feb	12,299	200	52	377	291	2,980	4,744	495	449	1,243	1,469
Mar	12,302	198	52	373	285	2,984	4,752	492	450	1,245	1,471
Apr	12,338	195	53	374	285	2,987	4,767	494	452	1,249	1,484
May	12,359	193	53	370	285	3,009	4,772	494	450	1,247	1,494
Jun	12,346	186	53	369	284	2,984	4,767	495	451	1,251	1,492
Jul	12,351	194	54	368	285	2,993	4,778	490	450	1,244	1,488
Aug	12,339	195	53	369	285	2,987	4,772	491	446	1,247	1,483
Sep	12,359	200	52	368	285	2,987	4,778	495	445	1,248	1,502
Oct	12,369	199	52	371	285	2,998	4,777	492	444	1,251	1,512
Nov	12,335	204	52	368	284	2,987	4,766	491	447	1,233	1,503
Dec	12,317	199	53	371	286	2,974	4,745	494	448	1,246	1,504
% Change Dec-91/Dec-90	-0.9	-2.9	-1.9	-2.9	-0.3	-0.9	-2.2	-0.8	-0.2	0.8	2.2

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.3 UNEMPLOYMENT, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1987	1,150	40	8	49	41	335	304	39	36	122	177
1988	1,031	38	8	42	38	311	256	42	37	103	157
1989	1,018	38	9	41	41	311	264	41	36	94	144
1990	1,109	41	10	45	40	345	331	39	34	93	132
1991	1,417	44	11	51	42	405	506	48	36	111	163
1990											
Jan	1,164	41	12	50	41	372	335	40	42	98	133
Feb	1,131	39	12	50	43	363	311	43	38	95	136
Mar	1,104	41	11	46	45	346	317	41	36	91	130
Apr	1,043	43	12	45	44	325	276	39	36	94	130
May	1,040	46	8	47	37	327	296	39	33	88	119
Jun	975	44	6	41	39	300	278	39	32	77	119
Jul	1,076	45	8	43	41	301	343	40	33	95	126
Aug	1,115	42	7	43	39	339	341	41	33	96	136
Sep	1,061	39	7	43	35	339	316	34	28	91	130
Oct	1,121	37	8	41	39	359	354	33	30	95	126
Nov	1,217	40	11	42	39	375	394	40	32	97	146
Dec	1,262	39	12	43	37	388	408	45	33	100	155
1991											
Jan	1,455	42	13	50	40	436	498	46	40	116	174
Feb	1,515	44	13	53	40	447	537	51	42	109	181
Mar	1,592	52	14	55	48	468	569	54	41	112	180
Apr	1,443	52	13	51	46	414	497	52	39	113	166
May	1,412	52	9	52	43	395	509	44	34	114	159
Jun	1,384	48	8	46	38	383	527	42	32	106	154
Jul	1,439	45	9	52	43	396	532	50	35	117	160
Aug	1,419	46	8	53	41	396	524	52	35	108	157
Sep	1,282	40	9	49	36	384	438	46	30	100	148
Oct	1,299	39	10	48	42	362	468	47	31	104	147
Nov	1,375	37	11	51	41	391	486	45	34	115	164
Dec	1,384	35	12	49	39	389	488	44	34	122	170

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*

## 2.4 UNEMPLOYMENT, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1990 (r)											
Jan	1,051	41	10	46	40	350	296	37	37	86	121
Feb	1,030	40	10	45	42	331	278	38	33	88	122
Mar	965	35	9	40	39	304	275	35	30	84	120
Apr	1,002	39	10	41	40	312	274	35	33	87	127
May	1,044	42	9	46	36	321	300	41	34	90	121
Jun	1,031	43	8	45	39	319	290	44	36	84	126
Jul	1,081	44	10	44	40	308	339	42	34	92	127
Aug	1,142	42	9	44	40	349	345	41	34	94	141
Sep	1,177	42	9	47	41	366	355	38	34	100	143
Oct	1,238	41	10	46	42	391	393	36	35	106	143
Nov	1,265	45	11	44	40	389	408	41	34	102	148
Dec	1,298	44	11	46	41	400	426	45	34	103	153
1991 (r)											
Jan	1,338	42	10	46	39	409	456	43	35	105	158
Feb	1,402	45	11	48	39	410	502	46	37	103	162
Mar	1,448	45	11	49	42	423	523	48	35	105	166
Apr	1,402	47	10	47	42	404	500	48	36	105	160
May	1,411	47	10	51	42	389	510	46	35	115	161
Jun	1,446	47	11	50	38	403	534	47	36	113	165
Jul	1,439	44	10	53	42	405	522	52	36	113	161
Aug	1,448	45	10	54	42	407	521	52	36	109	165
Sep	1,407	43	11	53	42	411	482	50	36	110	163
Oct	1,420	43	12	53	44	394	509	50	36	113	165
Nov	1,423	41	11	53	42	404	504	46	36	121	166
Dec	1,420	40	11	52	43	399	509	44	35	124	168

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*



## 2.5 UNEMPLOYMENT RATE, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1987	8.8	17.9	13.2	12.3	13.1	10.3	6.1	7.4	7.4	9.6	11.9
1988	7.8	16.4	13.0	10.2	12.0	9.4	5.0	7.8	7.5	8.0	10.3
1989	7.5	15.8	14.1	9.9	12.5	9.3	5.1	7.5	7.4	7.2	9.1
1990	8.1	17.1	14.9	10.5	12.1	10.1	6.3	7.2	7.0	7.0	8.3
1991	10.3	18.4	16.8	12.0	12.7	11.9	9.6	8.8	7.4	8.2	9.9
1990											
Jan	8.7	18.5	20.5	12.3	13.2	11.2	6.5	7.5	8.9	7.5	8.5
Feb	8.4	17.7	19.8	12.2	13.8	10.9	6.0	7.9	8.1	7.3	8.7
Mar	8.2	18.0	19.0	11.4	14.3	10.4	6.1	7.7	7.6	6.9	8.3
Apr	7.7	18.6	19.0	11.0	13.6	9.7	5.3	7.1	7.6	7.2	8.2
May	7.6	18.8	12.0	11.0	11.2	9.6	5.6	7.1	6.8	6.6	7.4
Jun	7.0	17.4	9.0	9.5	11.3	8.6	5.2	7.1	6.4	5.8	7.3
Jul	7.6	16.6	11.6	9.7	11.7	8.5	6.3	7.1	6.6	7.0	7.6
Aug	7.9	15.6	9.7	9.5	10.9	9.7	6.3	7.3	6.5	7.1	8.2
Sep	7.7	15.7	10.3	9.9	10.2	9.8	6.0	6.2	5.7	6.8	8.1
Oct	8.2	15.0	12.7	9.6	11.5	10.5	6.7	6.1	6.2	7.2	7.9
Nov	8.9	16.9	18.1	9.9	12.1	11.2	7.5	7.4	6.7	7.3	9.1
Dec	9.3	16.8	19.1	10.3	11.8	11.7	7.8	8.4	7.0	7.6	9.7
1991											
Jan	10.9	18.7	21.4	12.1	13.0	13.3	9.6	8.7	8.4	8.7	10.9
Feb	11.2	19.2	21.9	12.8	12.7	13.5	10.4	9.5	8.9	8.2	11.2
Mar	11.7	22.3	23.1	13.4	15.4	13.9	10.9	10.0	8.6	8.3	11.0
Apr	10.6	22.2	20.5	12.5	14.7	12.4	9.5	9.6	8.2	8.4	10.1
May	10.2	21.5	13.6	12.3	12.9	11.5	9.6	8.1	6.9	8.3	9.5
Jun	9.8	19.3	12.2	10.7	11.3	11.0	9.8	7.6	6.4	7.7	9.2
Jul	10.1	16.9	12.7	11.8	12.4	11.2	9.8	9.0	7.0	8.4	9.4
Aug	10.0	17.5	11.5	11.9	11.6	11.3	9.6	9.3	6.9	7.8	9.4
Sep	9.3	16.3	13.7	11.6	10.8	11.3	8.4	8.5	6.2	7.4	8.9
Oct	9.4	16.1	16.1	11.3	12.6	10.7	8.9	8.7	6.5	7.7	8.9
Nov	10.1	15.5	17.9	12.2	12.8	11.6	9.3	8.5	7.2	8.6	9.9
Dec	10.2	15.7	19.5	11.7	12.5	11.8	9.4	8.3	7.3	9.0	10.3

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*

## 2.6 UNEMPLOYMENT RATE, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1990 (r)											
Jan	7.7	16.9	15.7	11.0	12.0	10.2	5.6	6.9	7.7	6.5	7.6
Feb	7.5	16.7	15.3	10.7	12.7	9.8	5.3	7.0	6.9	6.7	7.7
Mar	7.1	14.8	13.9	9.6	11.8	9.0	5.2	6.4	6.3	6.4	7.6
Apr	7.3	16.3	14.9	9.8	11.9	9.2	5.2	6.4	6.8	6.6	8.0
May	7.7	17.5	14.5	11.0	11.0	9.4	5.7	7.5	7.0	6.8	7.6
Jun	7.6	18.1	12.9	10.7	11.9	9.4	5.5	8.1	7.4	6.4	7.9
Jul	7.9	18.1	14.8	10.4	12.1	9.1	6.4	7.6	7.0	7.0	7.9
Aug	8.3	17.3	13.7	10.4	12.1	10.3	6.6	7.5	7.0	7.1	8.7
Sep	8.6	17.3	13.5	11.0	12.3	10.7	6.7	7.0	7.0	7.5	8.8
Oct	9.0	16.7	14.8	10.8	12.6	11.4	7.4	6.7	7.2	8.0	8.9
Nov	9.2	18.1	17.0	10.3	12.2	11.5	7.7	7.5	7.0	7.6	9.1
Dec	9.5	17.7	16.5	10.7	12.5	11.8	8.1	8.3	7.0	7.7	9.4
1991 (r)											
Jan	9.8	17.1	16.3	10.8	11.9	12.1	8.7	8.0	7.2	7.8	9.7
Feb	10.2	18.4	16.9	11.3	11.8	12.1	9.6	8.5	7.6	7.7	9.9
Mar	10.5	18.5	17.1	11.6	12.8	12.4	9.9	8.9	7.2	7.8	10.1
Apr	10.2	19.4	16.2	11.2	12.8	11.9	9.5	8.9	7.4	7.8	9.7
May	10.2	19.6	16.4	12.1	12.8	11.4	9.7	8.5	7.2	8.4	9.7
Jun	10.5	20.2	17.2	11.9	11.8	11.9	10.1	8.7	7.4	8.3	10.0
Jul	10.4	18.5	16.3	12.6	12.8	11.9	9.8	9.6	7.4	8.3	9.8
Aug	10.5	18.8	16.3	12.8	12.8	12.0	9.8	9.6	7.5	8.0	10.0
Sep	10.2	17.7	17.7	12.6	12.8	12.1	9.2	9.2	7.5	8.1	9.8
Oct	10.3	17.8	18.4	12.5	13.4	11.6	9.6	9.2	7.5	8.3	9.8
Nov	10.3	16.7	16.8	12.6	12.9	11.9	9.6	8.6	7.5	8.9	9.9
Dec	10.3	16.7	16.8	12.3	13.1	11.8	9.7	8.2	7.2	9.1	10.0

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.7 PARTICIPATION RATE, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
	(Percent)										
1987	66.2	53.2	62.9	59.9	58.2	63.3	69.0	66.5	66.4	72.0	65.6
1988	66.7	54.6	64.0	60.8	58.8	64.0	69.6	66.7	66.4	72.4	65.7
1989	67.0	55.7	65.0	61.2	59.5	64.0	69.8	67.0	66.2	72.4	66.8
1990	67.0	56.0	66.0	62.1	59.8	64.3	69.4	67.6	66.8	72.1	66.0
1991	66.3	55.3	65.1	61.3	58.6	63.4	68.3	66.9	67.1	72.5	66.4
1990											
Jan	65.9	52.0	61.7	59.8	57.1	63.2	68.9	65.9	64.6	71.3	65.1
Feb	66.1	51.8	62.1	59.9	57.0	63.1	69.2	66.7	64.9	71.5	65.0
Mar	66.0	52.4	61.9	59.7	57.4	63.0	69.0	67.1	65.3	71.5	64.9
Apr	66.1	53.0	64.3	60.1	58.1	63.4	68.7	67.8	65.5	71.8	65.6
May	67.5	56.0	67.1	62.4	60.6	64.8	69.8	68.9	67.8	72.5	66.7
Jun	68.2	58.8	69.5	63.2	62.5	66.2	70.3	68.9	68.7	72.6	66.9
Jul	69.2	62.8	71.3	65.3	63.4	66.6	71.2	70.0	69.2	73.9	68.2
Aug	68.9	61.4	72.2	65.5	64.3	66.2	70.8	69.7	69.8	73.6	68.0
Sep	67.0	57.4	67.9	62.9	61.3	65.0	68.5	67.0	67.8	72.0	66.3
Oct	66.8	56.6	66.2	62.5	60.6	64.5	69.2	66.7	66.8	71.5	65.3
Nov	66.3	55.1	64.5	62.3	58.3	63.3	68.8	66.4	66.0	71.8	65.5
Dec	65.7	54.1	63.9	61.7	56.5	62.6	68.3	65.9	65.4	71.4	65.1
1991											
Jan	65.1	52.3	62.2	60.3	55.9	61.7	67.6	65.7	65.9	71.4	65.0
Feb	65.3	52.5	61.3	60.1	56.2	62.4	67.6	66.1	65.8	71.5	65.6
Mar	65.8	54.1	62.2	59.9	56.1	63.0	68.1	66.2	66.1	72.0	66.0
Apr	65.6	53.5	62.6	59.8	56.0	62.5	67.6	66.8	66.8	72.2	66.3
May	67.1	55.8	66.4	62.0	59.9	64.0	69.0	67.3	68.3	73.6	67.4
Jun	67.9	56.9	69.1	62.2	60.8	65.2	69.8	68.2	69.1	74.2	67.7
Jul	68.6	60.9	71.0	64.0	62.3	66.0	70.4	68.6	69.7	74.4	68.1
Aug	68.2	59.8	70.4	64.4	62.7	65.4	70.1	68.8	69.4	73.9	67.3
Sep	66.0	56.8	65.8	61.2	59.7	63.6	67.3	67.4	67.1	71.9	66.3
Oct	66.0	55.6	64.6	61.2	59.7	63.2	67.8	66.7	66.4	71.8	66.3
Nov	65.4	53.9	62.8	60.5	57.2	62.5	67.6	65.3	65.9	70.9	65.7
Dec	64.7	51.4	62.8	60.2	56.4	61.3	66.8	65.2	65.3	71.6	65.3

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*



## 2.8 PARTICIPATION RATE, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
	(Percent)										
1990 (r)											
Jan	67.4	56.1	65.2	61.9	60.3	65.1	70.1	67.0	66.2	72.4	66.4
Feb	67.2	55.7	65.9	61.9	60.3	64.5	70.1	67.7	66.4	72.4	65.6
Mar	66.8	54.9	65.0	61.3	59.8	64.1	69.7	67.7	66.3	72.1	65.2
Apr	67.0	55.3	66.4	61.7	60.7	64.4	69.5	68.1	66.7	72.3	65.8
May	66.9	55.6	65.6	61.7	59.3	64.4	69.3	68.3	66.8	71.9	66.0
Jun	66.8	54.7	65.1	61.9	59.3	64.3	69.1	67.7	67.2	71.4	65.6
Jul	66.9	56.1	65.7	62.2	59.7	64.0	69.3	68.2	66.8	72.0	66.3
Aug	66.9	56.1	66.4	62.2	59.7	64.2	69.0	67.8	67.2	71.7	66.6
Sep	67.1	56.0	66.6	62.5	59.9	64.7	69.0	67.0	67.5	72.3	66.6
Oct	67.0	56.5	67.1	62.4	60.0	64.5	69.5	66.9	67.0	72.3	65.9
Nov	66.8	57.4	66.0	62.6	59.3	63.8	69.1	67.4	67.0	72.5	66.4
Dec	66.7	57.4	66.1	62.6	59.0	64.0	69.0	67.3	67.0	72.3	66.2
1991 (r)											
Jan	66.5	56.5	65.6	62.3	58.9	63.5	68.7	66.8	67.4	72.5	66.1
Feb	66.4	56.3	64.6	62.0	59.2	63.7	68.4	67.0	67.4	72.4	66.1
Mar	66.6	55.9	64.6	61.5	58.7	63.9	68.7	66.8	67.3	72.5	66.3
Apr	66.4	55.6	64.4	61.4	58.6	63.6	68.4	67.0	67.7	72.6	66.4
May	66.5	55.0	65.2	61.3	58.6	63.6	68.5	66.7	67.2	72.9	66.7
Jun	66.5	53.4	65.6	61.0	57.6	63.3	68.6	66.9	67.5	72.9	66.7
Jul	66.4	54.5	65.6	61.2	58.5	63.5	68.5	66.8	67.3	72.4	66.3
Aug	66.3	54.9	65.2	61.4	58.5	63.3	68.4	67.0	66.8	72.2	66.1
Sep	66.1	55.5	65.3	61.0	58.4	63.3	67.8	67.2	66.6	72.2	66.6
Oct	66.2	55.3	65.7	61.4	58.8	63.2	68.1	66.8	66.6	72.4	67.0
Nov	66.0	55.9	64.5	60.8	58.2	63.1	67.8	66.2	67.0	71.8	66.5
Dec	65.8	54.6	65.1	61.1	58.8	62.7	67.5	66.4	67.1	72.5	66.5

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.9 EMPLOYMENT/POPULATION RATIO, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1987	60.4	43.6	54.6	52.6	50.5	56.8	64.8	61.6	61.5	65.0	57.8
1988	61.6	45.6	55.7	54.6	51.7	58.0	66.1	61.5	61.4	66.6	58.9
1989	62.0	46.9	55.9	55.2	52.0	58.0	66.3	62.0	61.3	67.2	60.7
1990	61.5	46.4	56.2	55.6	52.5	57.8	65.0	62.7	62.1	67.1	60.6
1991	59.5	45.1	54.2	53.9	51.1	55.8	61.8	61.0	62.2	66.5	59.9
1990											
Jan	60.2	42.4	49.0	52.4	49.6	56.1	64.4	60.9	58.9	66.0	59.6
Feb	60.5	42.7	49.8	52.6	49.2	56.2	65.1	61.4	59.6	66.3	59.3
Mar	60.5	43.0	50.1	52.9	49.2	56.5	64.8	62.0	60.3	66.6	59.5
Apr	61.0	43.2	52.1	53.5	50.2	57.2	65.0	63.0	60.6	66.7	60.2
May	62.4	45.5	59.1	55.5	53.9	58.6	65.8	64.0	63.3	67.7	61.8
Jun	63.5	48.6	63.3	57.2	55.4	60.6	66.6	64.0	64.3	68.4	62.0
Jul	63.9	52.3	63.1	59.0	55.9	60.9	66.7	65.1	64.6	68.8	63.0
Aug	63.4	51.8	65.1	59.2	57.2	59.8	66.3	64.6	65.3	68.4	62.4
Sep	61.8	48.4	60.9	56.7	55.1	58.6	64.4	62.8	63.9	67.1	60.9
Oct	61.3	48.1	57.8	56.5	53.7	57.7	64.6	62.6	62.6	66.4	60.1
Nov	60.3	45.8	52.8	56.1	51.3	56.3	63.7	61.5	61.6	66.5	59.5
Dec	59.5	45.0	51.7	55.3	49.8	55.3	63.0	60.4	60.8	66.0	58.7
1991											
Jan	58.0	42.6	48.9	53.0	48.6	53.5	61.1	60.0	60.4	65.2	57.9
Feb	58.0	42.4	47.9	52.4	49.1	54.0	60.6	59.8	59.9	65.7	58.3
Mar	58.1	42.0	47.9	51.9	47.5	54.2	60.6	59.6	60.4	66.0	58.7
Apr	58.6	41.6	49.7	52.3	47.8	54.7	61.1	60.4	61.3	66.2	59.6
May	60.3	43.8	57.4	54.4	52.2	56.6	62.4	61.9	63.5	67.5	61.0
Jun	61.2	45.9	60.6	55.5	53.9	58.0	63.0	63.0	64.6	68.5	61.5
Jul	61.7	50.6	62.0	56.4	54.6	58.6	63.5	62.4	64.8	68.2	61.7
Aug	61.4	49.4	62.3	56.7	55.4	58.0	63.4	62.3	64.6	68.1	61.0
Sep	59.9	47.5	56.8	54.2	53.2	56.5	61.7	61.7	63.0	66.6	60.4
Oct	59.8	46.6	54.2	54.2	52.2	56.4	61.8	60.9	62.0	66.3	60.5
Nov	58.8	45.5	51.6	53.1	49.9	55.3	61.4	59.8	61.2	64.8	59.2
Dec	58.1	43.4	50.5	53.2	49.3	54.1	60.6	59.8	60.6	65.2	58.6

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*

## 2.10 EMPLOYMENT/POPULATION RATIO, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
	(Percent)										
1990 (r)											
Jan	62.2	46.6	55.0	55.1	53.0	58.4	66.1	62.4	61.0	67.7	61.3
Feb	62.2	46.4	55.8	55.3	52.6	58.3	66.4	62.9	61.9	67.6	60.6
Mar	62.1	46.8	56.0	55.4	52.7	58.3	66.1	63.3	62.2	67.5	60.2
Apr	62.1	46.3	56.5	55.7	53.4	58.5	65.8	63.7	62.1	67.5	60.5
May	61.8	45.8	56.1	54.9	52.8	58.3	65.3	63.2	62.1	67.0	61.0
Jun	61.7	44.8	56.7	55.3	52.3	58.3	65.3	62.3	62.2	66.8	60.4
Jul	61.6	46.0	56.0	55.8	52.4	58.1	64.9	62.9	62.1	67.0	61.0
Aug	61.3	46.4	57.3	55.8	52.5	57.6	64.5	62.7	62.5	66.6	60.8
Sep	61.3	46.3	57.6	55.6	52.5	57.8	64.4	62.3	62.7	66.9	60.7
Oct	60.9	47.0	57.2	55.7	52.4	57.1	64.4	62.5	62.2	66.5	60.0
Nov	60.7	47.0	54.8	56.1	52.1	56.5	63.7	62.3	62.3	67.0	60.3
Dec	60.4	47.2	55.2	55.8	51.6	56.4	63.4	61.7	62.3	66.8	60.0
1991 (r)											
Jan	60.0	46.8	54.9	55.6	51.9	55.8	62.8	61.5	62.6	66.8	59.7
Feb	59.6	46.0	53.7	55.0	52.2	56.0	61.8	61.3	62.3	66.9	59.6
Mar	59.6	45.5	53.6	54.4	51.2	56.0	61.9	60.9	62.4	66.9	59.6
Apr	59.7	44.8	54.0	54.5	51.1	56.0	61.9	61.1	62.7	67.0	59.9
May	59.7	44.3	54.6	53.9	51.1	56.3	61.9	61.1	62.3	66.8	60.2
Jun	59.5	42.7	54.3	53.7	50.8	55.8	61.7	61.1	62.5	66.9	60.0
Jul	59.5	44.4	54.9	53.5	51.0	55.9	61.8	60.4	62.3	66.3	59.8
Aug	59.4	44.6	54.6	53.6	51.0	55.7	61.6	60.5	61.8	66.4	59.5
Sep	59.4	45.7	53.7	53.3	50.9	55.7	61.6	61.0	61.6	66.3	60.1
Oct	59.4	45.4	53.6	53.7	50.9	55.8	61.6	60.7	61.6	66.4	60.4
Nov	59.1	46.6	53.7	53.2	50.7	55.6	61.3	60.5	62.0	65.4	59.9
Dec	59.0	45.4	54.1	53.6	51.1	55.3	61.0	61.0	62.2	66.0	59.8

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.11 LABOUR FORCE CHARACTERISTICS, ALBERTA (NOT SEASONALLY ADJUSTED)

	Labour Force			Employed		Unemployed		Unemployment Rate		Participation Rate	
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	(Thousands)					(Percent)				(Percent)	
1987	1,268	713	556	644	503	69	53	9.7	9.5	81.2	62.8
1988	1,290	718	572	663	524	55	48	7.7	8.3	81.1	63.9
1989	1,308	727	581	676	537	50	44	6.9	7.5	81.0	63.8
1990	1,324	735	589	684	546	50	43	6.8	7.3	80.6	63.8
1991	1,357	750	607	686	560	64	48	8.5	7.8	80.6	64.4
1990											
Jan	1,300	715	584	659	543	56	41	7.9	7.1	79.1	63.7
Feb	1,304	717	586	663	546	54	41	7.6	6.9	79.3	63.9
Mar	1,306	721	585	671	544	51	40	7.0	6.9	79.6	63.6
Apr	1,313	723	590	671	548	52	43	7.1	7.2	79.6	64.1
May	1,328	744	584	694	545	50	38	6.7	6.6	81.8	63.3
Jun	1,332	749	583	706	549	43	34	5.7	5.8	82.2	63.1
Jul	1,359	764	594	715	548	50	46	6.5	7.7	83.8	64.2
Aug	1,353	763	589	716	541	47	48	6.2	8.2	83.6	63.7
Sep	1,326	732	594	690	545	42	49	5.7	8.2	80.1	64.1
Oct	1,319	733	586	684	541	49	46	6.7	7.8	80.1	63.2
Nov	1,326	728	598	677	552	51	46	7.0	7.7	79.4	64.2
Dec	1,321	724	597	666	555	58	42	8.0	7.0	78.8	64.0
1991											
Jan	1,325	726	599	657	551	69	47	9.5	7.9	78.8	64.1
Feb	1,329	729	600	663	556	65	44	8.9	7.3	79.0	64.2
Mar	1,341	735	606	669	559	65	46	8.9	7.6	79.5	64.7
Apr	1,346	745	602	674	560	71	42	9.5	7.0	80.4	64.1
May	1,375	760	615	696	565	64	50	8.4	8.2	81.9	65.4
Jun	1,388	772	616	714	568	58	48	7.5	7.8	83.0	65.4
Jul	1,395	779	616	717	561	62	55	8.0	8.9	83.6	65.3
Aug	1,387	774	613	716	562	57	51	7.4	8.3	82.9	64.9
Sep	1,353	746	607	694	558	52	49	6.9	8.0	79.8	64.1
Oct	1,353	747	606	689	560	58	46	7.7	7.6	79.8	63.9
Nov	1,338	738	600	670	554	69	47	9.3	7.8	78.7	63.2
Dec	1,353	745	608	669	562	76	46	10.2	7.6	79.4	63.9

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2094 \*\*



## 2.12 EMPLOYMENT BY INDUSTRY, ALBERTA (NOT SEASONALLY ADJUSTED)

	Total Employed	Agri- culture	Other Primary (1)	Manu- facturing	Con- struction	Trans- portation	Trade	Finance	Service	Public Adminis- tration
(Thousands)										
1987	1,147	87	66	85	71	89	208	58	399	83
1988	1,187	94	70	95	73	93	214	60	402	87
1989	1,214	88	66	97	76	97	215	63	419	92
1990	1,231	93	73	94	83	90	222	65	429	80
1991	1,246	96	72	92	82	89	220	66	445	83
1990										
Jan	1,202	82	69	95	77	94	214	60	429	82
Feb	1,209	83	71	93	73	89	214	60	436	89
Mar	1,215	84	72	96	75	88	214	63	437	86
Apr	1,219	93	75	90	79	89	218	62	429	84
May	1,240	98	81	90	87	90	219	67	422	87
Jun	1,255	104	77	93	92	92	224	68	417	87
Jul	1,263	103	75	99	93	90	230	65	422	86
Aug	1,257	103	78	98	92	94	225	65	423	79
Sep	1,235	101	69	94	91	89	224	66	426	75
Oct	1,225	95	69	94	84	89	224	69	430	70
Nov	1,229	89	70	91	82	90	232	68	440	68
Dec	1,221	84	69	93	75	91	228	69	440	71
1991										
Jan	1,209	87	71	90	69	88	221	69	443	71
Feb	1,220	87	73	94	69	83	224	72	442	75
Mar	1,229	89	75	95	72	84	212	69	456	76
Apr	1,234	98	72	92	75	84	219	66	449	79
May	1,261	104	73	91	89	88	216	65	447	89
Jun	1,282	101	76	94	91	90	219	67	453	91
Jul	1,278	108	76	94	95	90	219	66	437	93
Aug	1,279	106	76	93	96	95	217	66	440	90
Sep	1,252	100	69	90	87	93	221	61	445	87
Oct	1,249	95	71	94	84	92	224	63	443	83
Nov	1,223	91	69	94	75	88	216	65	441	83
Dec	1,231	87	68	88	79	89	227	67	445	82

Source: Statistics Canada, Catalogue No.'s 71-001, 71-220 and 71-529

(1) Includes Fishing and Trapping, Logging and Forestry, and Mines, Quarries, Oil Wells.

Note: The estimates presented in this table may have varying degrees of reliability.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2094 \*\*

## 2.13 EMPLOYMENT BY OCCUPATION, ALBERTA (NOT SEASONALLY ADJUSTED)

	Total Employed	Man- gerial, Profess., etc.	Clerical	Sales	Service	Primary Occu- pations	Pro- cessing (1)	Con- struction	Trans- portation	Materials Handling & Other Crafts
(Thousands)										
1987	1,147	356	183	111	149	99	96	72	45	35
1988	1,187	365	190	114	156	110	99	73	47	34
1989	1,214	373	193	116	163	106	107	76	46	33
1990	1,231	384	188	115	163	113	104	79	48	37
1991	1,246	389	188	122	171	113	103	81	43	36
1990										
Jan	1,202	378	187	117	172	95	101	74	48	31
Feb	1,209	388	187	115	173	96	103	68	46	33
Mar	1,215	383	186	117	173	99	108	69	46	34
Apr	1,219	383	188	117	164	108	104	71	46	38
May	1,240	394	183	110	163	121	101	79	48	40
Jun	1,255	392	186	113	162	127	103	86	49	38
Jul	1,263	388	189	117	163	126	105	87	48	40
Aug	1,257	377	189	120	158	131	107	88	50	38
Sep	1,235	386	186	109	155	122	104	87	49	37
Oct	1,225	379	188	111	157	116	105	82	48	39
Nov	1,229	378	190	117	160	109	105	83	48	40
Dec	1,221	380	195	117	159	103	106	76	47	38
1991										
Jan	1,209	378	189	116	163	106	105	71	46	35
Feb	1,220	385	186	119	169	102	107	69	45	36
Mar	1,229	392	181	121	174	104	108	73	46	31
Apr	1,234	390	184	120	173	113	106	74	42	31
May	1,261	399	183	121	171	124	107	83	40	32
Jun	1,282	403	187	125	175	121	109	84	42	35
Jul	1,278	389	194	121	172	131	104	92	40	35
Aug	1,279	394	189	121	173	127	105	94	40	37
Sep	1,252	389	190	125	171	115	98	88	40	36
Oct	1,249	382	190	126	173	109	100	86	45	38
Nov	1,223	384	191	123	166	102	94	81	43	40
Dec	1,231	382	190	129	170	101	94	82	42	40

Source: Statistics Canada, Catalogue No.'s 71-001, 71-220 and 71-529

(1) Also includes Machining and Product Fabricating, Assembling, Repairing

Note: The estimates presented in this table may have varying degrees of reliability.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2094 \*\*

## 2.14 LABOUR FORCE CHARACTERISTICS, EDMONTON AND CALGARY (NOT SEASONALLY ADJUSTED)

	Edmonton CMA					Calgary CMA				
	Labour Force	Employed	Un- employed	Unemploy- ment Rate	Participa- tion Rate	Labour Force	Employed	Un- employed	Unemploy- ment Rate	Participa- tion Rate
	(Thousands)			(Percent)		(Thousands)			(Percent)	
1987	388	345	44	11.3	72.6	370	337	33	9.0	74.8
1988	392	356	36	9.2	72.5	376	346	31	8.1	74.8
1989	398	364	33	8.4	72.4	385	357	27	7.1	74.7
1990	398	367	32	7.9	71.4	389	361	28	7.2	73.8
1991	409	370	39	9.5	72.0	398	363	36	8.9	73.2
1990 (3-Month Moving Averages*)										
Jan	395	365	30	7.7	71.5	378	353	25	6.7	72.6
Feb	394	363	31	8.0	71.2	380	354	27	7.0	72.9
Mar	394	361	32	8.2	71.0	382	355	27	7.1	73.2
Apr	395	363	32	8.1	71.2	385	358	26	6.9	73.6
May	398	366	32	8.1	71.6	387	361	26	6.7	73.8
Jun	401	370	31	7.6	71.9	389	364	26	6.6	74.1
Jul	405	375	30	7.3	72.6	392	365	27	6.9	74.4
Aug	407	378	29	7.1	72.9	395	366	29	7.3	74.7
Sep	405	374	30	7.5	72.4	395	365	30	7.7	74.7
Oct	400	368	32	8.0	71.5	391	362	29	7.4	73.7
Nov	395	363	32	8.2	70.5	390	362	28	7.2	73.3
Dec	394	361	33	8.4	70.3	391	362	29	7.3	73.2
1991 (3-Month Moving Averages*)										
Jan	393	359	34	8.7	69.9	394	363	31	7.9	73.7
Feb	394	359	36	9.1	70.0	394	360	34	8.6	73.5
Mar	398	361	37	9.4	70.6	393	359	34	8.7	73.0
Apr	401	364	37	9.2	71.0	393	359	34	8.6	72.8
May	407	368	38	9.4	71.9	395	362	33	8.3	73.0
Jun	412	374	38	9.3	72.7	400	366	34	8.5	73.7
Jul	418	379	40	9.4	73.7	405	369	36	9.0	74.5
Aug	418	379	39	9.4	73.5	409	372	37	9.0	75.0
Sep	413	375	38	9.2	72.5	406	370	36	8.9	74.3
Oct	409	372	37	9.1	71.8	402	368	34	8.4	73.4
Nov	408	369	39	9.5	71.4	396	361	35	8.8	72.2
Dec	413	371	42	10.1	72.2	395	357	38	9.6	71.8

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

\* Refer to the Definitions for further information.

Note: Data are based on 1981 CMA boundaries.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2107 \*\*

2.15 LABOUR FORCE CHARACTERISTICS, EDMONTON AND CALGARY, 3-MONTH MOVING AVERAGES\* (SEASONALLY ADJUSTED)

	Edmonton CMA					Calgary CMA				
	Labour Force	Employed	Un-employed	Unemployment Rate	Participation Rate	Labour Force	Employed	Un-employed	Unemployment Rate	Participation Rate
	(Thousands)			(Percent)		(Thousands)			(Percent)	
1990 (r)										
Jan	403	372	31	7.6	72.7	382	356	25	6.7	73.3
Feb	402	372	30	7.5	72.6	383	358	25	6.6	73.5
Mar	401	370	30	7.6	72.2	384	359	25	6.5	73.6
Apr	400	370	30	7.6	72.0	387	362	26	6.6	74.0
May	397	366	31	7.8	71.5	388	362	26	6.7	74.0
Jun	396	365	31	7.8	71.0	388	361	27	6.9	73.8
Jul	395	364	31	7.7	70.8	386	359	27	7.0	73.3
Aug	396	366	30	7.5	71.0	387	359	27	7.1	73.2
Sep	399	367	31	7.8	71.3	389	360	29	7.5	73.6
Oct	399	366	33	8.3	71.3	391	361	30	7.7	73.7
Nov	399	365	34	8.5	71.2	394	363	31	7.8	74.1
Dec	399	365	34	8.5	71.1	396	365	31	7.8	74.2
1991 (r)										
Jan	399	365	34	8.6	71.1	398	367	31	7.9	74.4
Feb	402	367	35	8.6	71.4	397	364	32	8.2	74.0
Mar	405	369	35	8.7	71.8	395	363	32	8.2	73.5
Apr	406	371	35	8.7	71.8	395	362	33	8.3	73.2
May	406	369	37	9.1	71.8	396	363	33	8.3	73.2
Jun	407	369	38	9.4	71.8	399	364	35	8.7	73.5
Jul	408	368	40	9.9	71.9	400	364	36	9.0	73.5
Aug	407	367	40	9.8	71.6	401	365	36	8.9	73.5
Sep	407	368	39	9.6	71.4	400	365	35	8.7	73.2
Oct	409	371	38	9.3	71.7	402	367	35	8.7	73.3
Nov	412	372	40	9.8	72.1	401	363	38	9.4	73.1
Dec	417	375	42	10.2	72.9	400	360	40	10.0	72.8

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201, 71-220 and 71-529

\* Refer to the Definitions for further information.

Note: Data are based on 1981 CMA boundaries.

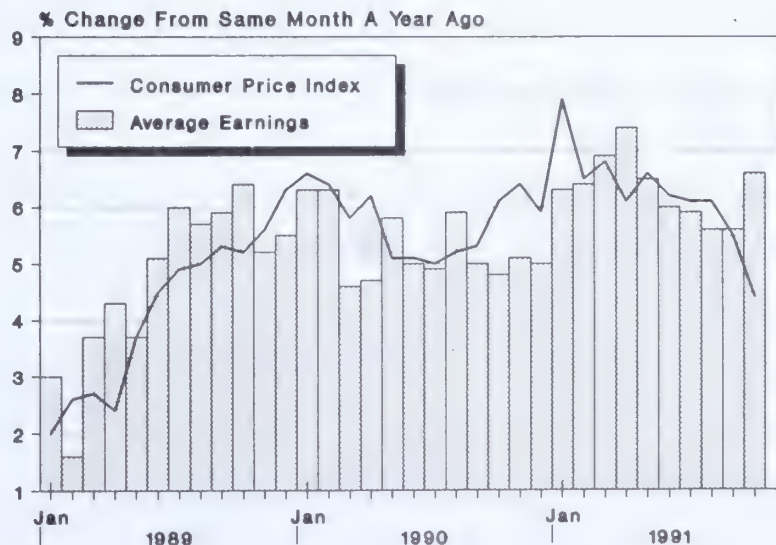
\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2107 \*\*



- From January to October, 1991, Alberta experienced a downward trend in monthly year-over-year increases in *price changes as measured by the Consumer Price Index (CPI)*. Increases slowed from over 6.0% during the first half of the year to 4.4% in October. In comparison, a slowdown in year-over-year increases in *Alberta average weekly earnings* was also observed from April (7.4%) to September (5.6%). However, October's increase moved up to 6.6% (preliminary estimate), the largest gain among the provinces. Earnings for Canada were up 5.3% in October, higher than the 4.4% increase in the Canada CPI.

Chart 3

## Alberta CPI and Average Weekly Earnings



### 3.1 PERSONAL INCOME AND PERSONAL DISPOSABLE INCOME, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yuk. & N.W.T.
Personal Income (Millions of Dollars)												
1986	427,262	6,663	1,592	12,299	9,274	103,141	169,609	16,305	15,167	42,142	48,831	1,493
1987	461,191	7,264	1,667	13,184	9,916	111,559	186,967	17,408	15,268	43,068	52,574	1,568
1988	506,589	7,982	1,873	14,096	10,745	120,925	208,460	18,633	16,031	47,643	57,655	1,761
1989	548,989	8,562	1,999	15,109	11,564	129,219	227,910	19,765	17,038	50,533	64,589	1,936
1990 (p)	590,168	9,086	2,126	16,231	12,338	139,220	245,049	21,022	17,775	54,306	70,152	2,054
Per Capita Personal Income (Dollars)												
1986	16,853	11,724	12,575	14,085	13,055	15,770	18,612	15,221	15,014	17,743	16,902	19,645
1987	18,003	12,789	13,126	15,016	13,927	16,921	20,180	16,133	15,028	18,111	17,974	20,632
1988	19,553	14,028	14,519	15,982	15,049	18,209	22,104	17,189	15,831	19,943	19,347	22,870
1989	20,922	14,992	15,389	17,009	16,110	19,292	23,766	18,195	16,925	20,831	21,189	24,694
1990 (p)	22,184	15,846	16,316	18,151	17,060	20,567	25,151	19,258	17,784	21,972	22,437	25,707
Personal Disposable Income (Millions of Dollars)												
1986	338,093	5,549	1,336	9,951	7,579	79,092	133,292	13,538	12,613	34,060	39,340	1,183
1987	361,435	6,038	1,375	10,572	8,027	84,844	145,657	14,404	12,550	34,274	41,896	1,253
1988	394,832	6,639	1,544	11,285	8,669	91,292	161,461	15,312	13,097	37,997	45,595	1,391
1989	431,411	7,144	1,650	12,221	9,435	99,146	177,594	16,366	14,081	40,454	51,256	1,561
1990 (p)	454,809	7,444	1,725	12,827	9,876	105,263	186,878	17,002	14,318	42,523	54,822	1,621

Source: Statistics Canada, Catalogue No. 13-201

(1) Includes income of Canadians temporarily abroad, including pay and allowances of Canadian Armed Forces abroad.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 6662-6669 \*\*

### 3.2 AVERAGE WEEKLY EARNINGS, INDUSTRIAL AGGREGATE, CANADA AND PROVINCES

	Canada*	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Dollars)											
1986 (1)	430.94	408.11	348.30	390.30	399.93	420.25	439.79	402.16	402.16	448.99	443.84
1987	442.74	423.64	362.07	400.02	407.39	430.88	456.35	407.85	406.00	450.28	453.42
1988	463.80	443.99	379.26	417.92	421.16	454.01	482.67	422.05	411.30	462.76	466.52
1989	486.87	465.80	400.82	432.86	442.80	472.82	509.08	445.08	425.99	484.47	491.63
1990	512.83	484.47	419.71	458.46	463.33	501.97	535.94	462.70	445.70	509.82	515.91
% Change 1990/89	5.3	4.0	4.7	5.9	4.6	6.2	5.3	4.0	4.6	5.2	4.9
1990											
Jan	500.78	478.86	418.60	445.76	452.58	487.08	522.92	457.64	437.63	499.66	505.55
Feb	498.64	476.03	410.80	447.97	451.98	485.93	522.26	453.61	433.23	497.39	496.30
Mar	502.80	476.94	414.94	452.00	457.49	489.31	526.25	460.05	432.59	500.64	503.83
Apr	506.38	473.75	418.16	456.64	464.39	494.94	529.83	461.02	439.93	498.79	507.65
May	508.13	479.43	412.29	455.80	456.28	497.06	529.91	462.29	443.51	506.24	513.52
Jun	513.09	483.49	410.20	460.00	465.39	504.11	536.14	461.44	447.82	510.58	513.45
Jul	515.14	488.29	416.84	460.24	463.15	504.26	540.19	462.05	447.29	514.71	511.78
Aug	518.67	490.96	417.55	458.62	463.70	508.13	543.22	468.89	446.66	519.51	517.47
Sep	520.37	489.25	425.51	461.05	467.45	510.75	543.15	465.44	451.50	519.38	525.87
Oct	523.41	489.79	427.43	462.46	470.21	513.26	545.79	468.89	456.14	520.17	533.14
Nov	523.12	493.21	427.99	469.71	471.40	514.89	545.40	464.88	454.67	516.01	531.38
Dec	523.00	493.71	435.70	470.80	476.81	514.64	544.83	466.69	458.11	514.98	530.47
1991 (p)											
Jan	526.30	503.71	437.19	469.77	480.90	518.28	546.30	467.95	461.69	531.13	529.68
Feb	528.47	503.07	435.58	475.43	485.87	521.56	551.36	473.39	456.39	529.11	522.99
Mar	532.34	506.78	437.31	473.66	486.80	522.64	554.49	478.80	458.75	535.28	535.67
Apr	535.38	512.98	435.70	483.21	487.24	525.22	557.88	476.15	465.46	535.65	540.90
May	536.78	504.89	429.42	482.74	483.87	524.24	561.76	478.12	463.59	539.04	541.40
Jun	543.17	512.50	418.99	492.60	487.62	531.42	568.69	485.13	475.45	541.42	547.12
Jul	544.15	508.51	426.61	484.77	491.41	530.46	572.66	487.12	468.81	545.22	542.79
Aug	546.59	519.99	433.55	485.15	493.34	535.19	572.59	489.14	472.37	548.55	547.58
Sep	546.95	517.11	434.12	482.58	492.58	535.41	572.23	483.67	476.39	548.22	554.48
Oct	551.35	517.71	436.68	489.60	500.80	540.26	576.49	489.87	482.56	554.68	554.40
Nov											
Dec											
% Change Oct-91/Oct-90	5.3	5.7	2.2	5.9	6.5	5.3	5.6	4.5	5.8	6.6	4.0

Source: Statistics Canada, Catalogue No. 72-002

\* Includes Yukon and N.W.T.

(1) Not directly comparable to later data due to significant survey methodology changes implemented January 1, 1987.

Note: Data are for all employees and include overtime.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 8007-8607 \*\*



### 3.3 AVERAGE WEEKLY EARNINGS BY INDUSTRY, ALBERTA

	Industrial Aggregate	Forestry	Mines, Quarries, Oil Wells	Manu- facturing	Con- struction	Trans- portation	Trade	Finance	Service	Public Adminis- tration
(Dollars)										
1986 (1)	448.99	503.12	759.57	526.81	496.46	563.71	332.20	437.48	372.79	533.77
1987	450.28	567.79	783.15	526.16	501.10	568.15	327.61	479.98	370.11	544.07
1988	462.76	555.95	826.35	544.16	535.54	587.13	340.57	469.92	374.22	563.05
1989	484.47	597.79	877.69	569.15	584.00	611.77	357.98	485.79	390.31	593.96
1990	509.82	604.68	933.76	599.22	641.30	639.10	367.09	505.80	407.03	630.27
1990										
Jan	499.66	587.71	936.45	586.50	635.03	632.34	355.61	500.72	399.33	613.42
Feb	497.39	588.24	940.08	588.09	627.12	615.57	359.83	497.63	393.03	620.74
Mar	500.64	581.21	926.43	588.14	634.60	627.71	360.05	498.34	398.84	622.35
Apr	498.79	563.48	942.43	586.43	623.39	624.56	362.16	506.81	394.53	628.82
May	506.24	556.17	926.61	592.53	640.43	633.76	365.73	509.26	400.92	629.49
Jun	510.58	574.41	926.20	596.75	650.26	641.63	365.20	520.76	407.21	616.53
Jul	514.71	587.20	924.01	593.88	641.13	645.07	370.35	515.87	415.85	613.64
Aug	519.51	667.07	919.21	594.80	635.62	657.69	378.08	514.55	418.94	622.18
Sep	519.38	634.21	940.98	608.33	690.43	646.92	373.90	498.98	411.50	640.47
Oct	520.17	670.94	939.16	617.89	671.40	655.85	372.49	501.14	414.87	646.38
Nov	516.01	631.22	943.03	625.79	650.41	651.10	363.71	499.88	412.54	655.95
Dec	514.98	614.31	934.45	609.56	607.92	637.55	377.15	501.99	416.30	655.13
1991 (p)										
Jan	531.13	675.48	969.59	630.73	655.55	711.51	374.53	506.61	420.17	648.81
Feb	529.11	622.48	965.11	629.41	648.22	666.52	374.29	516.16	423.67	658.83
Mar	535.28	599.83	984.00	635.21	650.87	673.32	373.63	522.40	425.20	659.18
Apr	535.65	641.86	993.98	638.36	619.69	679.66	386.32	525.04	423.38	667.53
May	539.04	617.52	996.95	641.19	616.81	673.62	392.13	527.00	433.36	627.32
Jun	541.42	615.29	985.79	643.27	612.73	663.03	394.58	521.97	437.28	656.01
Jul	545.22	597.70	972.49	628.40	611.81	677.35	396.75	556.90	441.16	651.40
Aug	548.55	599.03	984.50	631.03	603.96	684.66	399.66	548.32	446.09	655.89
Sep	548.22	639.05	986.03	646.81	619.79	683.66	400.04	535.09	444.18	651.27
Oct	554.68	607.55	999.85	652.31	599.42	697.10	408.56	589.00	443.55	674.27
Nov										
Dec										

Source: Statistics Canada, Catalogue No. 72-002

(1) Not directly comparable to later data due to significant survey methodology changes implemented January 1, 1987.

Note: Data are for all employees and include overtime.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 8547 \*\*



### 3.4 LABOUR INCOME BY INDUSTRY, ALBERTA

	Total Labour Income	Wages and Salaries								Public Admin.	Supple- mentary Labour Income
		Total (1)	Mines Quarries and Oil Wells	Manu- facturing	Con- struction	Trans- portation (2)	Trade	Finance (3)	Service		
			(Millions of Dollars)								
1986	27,030	24,842	2,751	2,519	1,657	2,627	3,486	1,774	7,526	2,097	2,189
1987	27,531	25,266	2,681	2,483	1,672	2,641	3,587	1,935	7,777	2,059	2,285
1988	29,997	27,532	3,100	2,821	1,916	2,835	3,874	1,974	8,453	2,132	2,465
1989	32,057	29,466	3,154	3,015	2,108	3,086	4,163	2,127	9,090	2,255	2,592
1990	34,547	31,645	3,381	3,167	2,467	3,308	4,394	2,258	9,723	2,443	2,903
1990											
Jan	2,738	2,508	274	251	178	270	355	180	783	189	230
Feb	2,741	2,511	279	250	186	265	345	182	787	189	230
Mar	2,780	2,547	277	257	183	273	350	181	806	192	233
Apr	2,770	2,538	274	259	183	270	353	184	789	195	232
May	2,877	2,636	282	272	212	274	365	187	797	211	241
Jun	2,922	2,677	284	274	222	276	366	191	810	207	245
Jul	2,972	2,723	282	272	234	279	379	193	815	214	249
Aug	2,980	2,730	284	269	232	282	375	193	815	211	250
Sep	2,980	2,730	286	268	240	281	374	192	826	206	250
Oct	2,986	2,734	285	267	230	285	376	193	846	205	252
Nov	2,927	2,680	288	266	197	279	372	190	834	214	247
Dec	2,876	2,633	287	262	170	275	384	193	817	211	243
1991 (p)											
Jan	2,925	2,676	315	264	172	286	380	192	834	205	249
Feb	2,912	2,664	305	268	171	281	368	197	841	204	248
Mar	2,959	2,707	316	270	169	286	370	197	861	205	252
Apr	2,962	2,709	301	275	177	283	380	199	850	212	252
May	3,038	2,779	305	281	206	287	385	200	861	214	259
Jun	3,073	2,811	301	287	208	290	391	204	867	217	262
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											

Source: Statistics Canada, Catalogue No. 72-005

(1) Includes Agriculture, Fishing, Hunting and Trapping, and Forestry

(2) Includes Communication and Other Utilities

(3) Includes Insurance and Real Estate

### 3.5 AVERAGE TOTAL INCOME OF TAXABLE PERSONS, ALBERTA CENSUS DIVISIONS AND CITIES

	1985	1986	1987	1988	1989
	(Dollars)				
Alberta	26,606	25,445	26,167	29,228	30,653
Census Division 1	24,722	23,257	23,918	26,725	27,879
Census Division 2	24,215	22,924	23,311	25,940	27,187
Census Division 3	22,653	21,250	21,652	24,785	25,745
Census Division 4	23,167	22,272	22,898	25,311	26,874
Census Division 5	23,817	22,114	22,602	24,801	26,528
Census Division 6	28,851	27,975	28,613	31,905	33,394
Census Division 7	23,979	22,170	22,776	25,446	26,883
Census Division 8	..	..	..	26,572	27,651
Census Division 9	..	..	..	25,862	26,421
Census Division 10	24,105	22,183	22,397	24,933	26,111
Census Division 11	26,262	25,158	26,031	29,012	30,473
Census Division 12	..	..	..	25,449	26,698
Census Division 13	22,227	20,918	21,211	23,915	25,498
Census Division 14	26,735	25,506	25,738	28,850	30,632
Census Division 15	23,463	22,427	23,600	26,547	28,442
Census Division 16	..	..	..	37,084	38,710
Census Division 17	..	..	..	26,472	27,173
Census Division 18	..	..	..	29,647	31,052
Census Division 19	..	..	..	27,120	28,533
Airdrie	26,150	25,430	25,924	29,172	30,355
Calgary	29,062	28,235	28,868	32,159	33,660
Camrose	24,121	22,819	23,164	25,702	26,814
Drumheller	24,313	23,304	23,184	25,292	27,208
Edmonton	25,913	24,765	25,748	28,637	30,116
Fort McMurray	35,941	34,359	36,212	39,686	41,776
Fort Saskatchewan	28,244	27,389	27,904	30,822	32,568
Grande Prairie	25,860	24,945	26,154	28,979	30,162
Leduc	26,573	25,087	25,331	28,543	30,005
Lethbridge	24,750	23,755	24,108	26,561	27,674
Lloydminster (Alta. portion)	28,109	25,574	25,462	28,382	28,417
Medicine Hat	25,001	23,513	24,152	26,999	28,232
Red Deer	25,399	24,392	25,307	28,149	29,015
Spruce Grove	26,403	25,652	26,163	29,516	30,237
St. Albert	28,748	28,549	29,418	32,595	34,514
Wetaskiwin	23,635	22,067	22,403	25,324	26,043

Source: Revenue Canada, "Taxation Statistics"

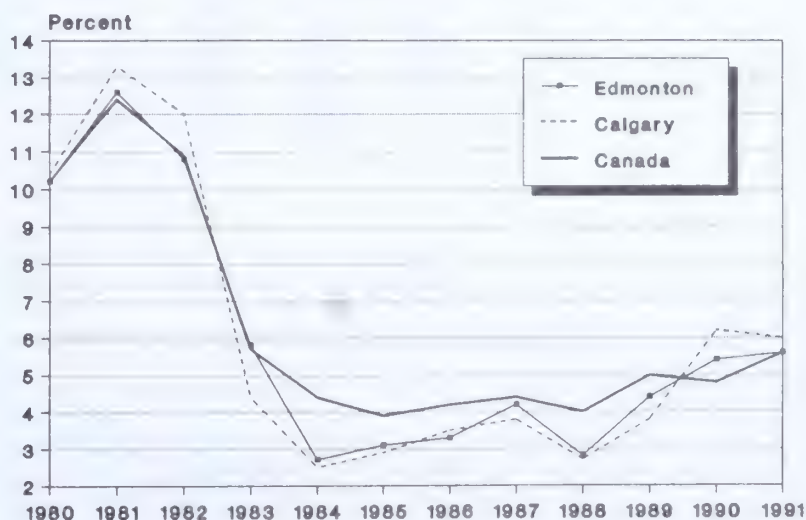
Note: Beginning with 1988, Census Division data are based on 1986 boundaries.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 1301 \*\*

- Compared to November, 1991, all Canadian cities for which *Consumer Price Indices (CPI)* are published, reported lower year-over-year increases in December, 1991. Rates varied from 2.3% in Saskatoon and 2.8% in Toronto to 5.5% in Montreal. Cities in Alberta registered their lowest increases since the beginning of 1989 at 3.4% in Edmonton and 3.7% in Calgary. Canada's increase slowed to 3.8%, the lowest rate since July, 1988.
- Reflecting the impact of the Goods and Services Tax (GST) introduced in January, 1991, Canada's 1991 annual average CPI rose 5.6%. This was up from 4.8% in 1990 and the highest rate since 1983. With the exception of Calgary, Vancouver and Toronto, all surveyed cities recorded higher annual rates in 1991. Calgary's rate moved down to 6.0% from 6.2%, while Edmonton's rose to 5.6% from 5.4%. Alberta's CPI was up 5.9%, slightly higher than the 1990 gain of 5.8%.

Chart 4

Consumer Price Index (All Items)  
Annual Percent Change



#### 4.1 CONSUMER PRICE INDEX, ALL-ITEMS, PROVINCES

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(1986=100)										
1987	102.9	103.6	103.4	102.8	104.4	105.1	104.2	105.0	104.0	103.0
1988	105.3	107.4	107.0	106.5	108.3	110.0	108.6	109.6	106.8	106.7
1989 (1)	109.1	111.5	111.9	111.5	112.9	116.4	113.7	114.4	111.3	111.5
1990	113.8	117.1	117.5	116.6	117.7	122.0	118.9	119.5	117.7	117.6
1991	120.8	125.9	124.7	124.2	126.4	127.6	125.0	125.7	124.6	123.8
1990										
Jan	111.4	114.1	114.4	113.9	115.4	119.6	116.4	116.7	114.8	114.8
Feb	112.5	114.9	115.6	115.2	115.9	120.3	117.0	118.1	115.2	115.6
Mar	112.9	115.4	116.0	115.4	116.3	120.7	117.6	118.4	115.5	116.2
Apr	112.6	116.4	116.1	115.8	116.1	120.7	117.6	118.5	116.3	116.4
May	112.5	116.4	116.9	115.6	116.9	121.3	118.0	118.6	116.7	116.9
Jun	113.0	116.9	117.2	115.8	117.3	121.8	118.6	119.2	117.4	117.6
Jul	113.8	117.2	117.8	116.4	117.9	122.4	119.1	119.9	118.2	117.9
Aug	114.2	117.7	118.1	116.6	118.1	122.4	119.4	120.0	118.5	118.1
Sep	114.6	118.2	118.4	117.2	118.4	122.6	119.7	120.1	119.0	118.6
Oct	115.4	118.6	118.8	118.3	119.6	123.6	120.6	121.0	119.9	119.1
Nov	116.0	119.2	120.1	119.1	120.4	124.3	121.2	121.2	120.6	120.0
Dec	116.4	120.1	120.9	119.8	120.4	123.9	121.7	121.7	120.5	119.7
1991 (2)										
Jan	119.6	124.7	124.5	123.4	124.9	126.4	124.2	124.5	123.9	123.0
Feb	119.7	125.5	124.5	123.6	124.9	126.4	124.1	124.0	122.7	123.3
Mar	120.9	126.0	125.0	123.7	125.6	126.8	124.6	124.5	123.4	123.5
Apr	121.1	125.9	124.3	123.7	125.8	126.9	124.5	126.2	123.4	123.4
May	121.2	125.5	124.5	123.9	126.3	127.7	124.4	126.5	124.4	123.5
Jun	121.4	125.9	124.6	124.3	126.8	128.4	125.0	126.0	124.7	124.2
Jul	121.6	126.1	124.5	124.6	126.8	128.6	125.4	126.8	125.4	124.1
Aug	121.5	126.2	124.4	124.4	126.9	128.6	125.5	126.8	125.7	124.0
Sep	121.3	126.2	124.8	124.2	127.0	128.2	125.5	126.5	125.5	124.1
Oct	121.0	126.6	124.7	124.5	127.2	127.7	124.9	126.3	125.2	124.1
Nov	120.8	126.8	125.4	125.2	127.4	128.3	126.2	125.4	125.5	124.6
Dec	119.9	125.8	124.7	124.5	126.9	127.7	125.7	124.9	124.9	124.0

Source: Statistics Canada, Catalogue No. 62-010

(1) Beginning Jan-89, the 1982 Family Expenditure weights were replaced by the 1986 survey weights. See Definitions for further information.

(2) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: The Consumer Price Index measures the movement of prices in each province. It does not indicate price level differences between provinces.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2202-2211 AND 2232-2241 \*\*



## 4.2 CONSUMER PRICE INDEX, ALL-ITEMS ANNUAL PERCENT CHANGE, PROVINCES

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent Change)										
1987/86	2.9	3.6	3.4	2.8	4.4	5.1	4.2	5.0	4.0	3.0
1988/87	2.3	3.7	3.5	3.6	3.7	4.7	4.2	4.4	2.7	3.6
1989/88	3.6	3.8	4.6	4.7	4.2	5.8	4.7	4.4	4.2	4.5
1990/89	4.3	5.0	5.0	4.6	4.3	4.8	4.6	4.5	5.8	5.5
1991/90	6.2	7.5	6.1	6.5	7.4	4.6	5.1	5.2	5.9	5.3
1990/89										
Jan	4.9	5.1	5.1	4.9	4.8	5.9	4.8	4.6	6.6	5.5
Feb	5.1	5.4	5.9	5.8	4.3	5.8	4.8	5.2	6.4	5.8
Mar	4.8	5.2	6.0	5.8	4.5	5.6	4.9	5.0	5.8	5.7
Apr	4.3	5.8	5.3	5.2	3.9	5.0	4.8	5.1	6.2	5.9
May	3.4	4.9	4.7	4.0	3.6	4.6	4.2	3.9	5.1	5.4
Jun	3.3	4.7	4.4	3.6	3.4	4.5	4.8	3.8	5.1	5.8
Jul	3.5	4.3	4.2	3.3	3.5	4.2	3.8	3.7	5.0	5.4
Aug	3.7	5.0	4.4	3.2	3.7	4.1	4.0	3.7	5.2	5.2
Sep	4.2	4.6	4.8	4.0	4.1	4.3	4.2	3.9	5.3	5.1
Oct	4.6	4.9	4.9	4.8	4.6	4.5	4.9	4.6	6.1	5.0
Nov	4.9	4.7	5.4	5.2	5.0	4.7	4.5	4.2	6.3	5.5
Dec	5.1	5.8	6.1	5.7	5.4	4.4	5.2	4.9	5.9	5.2
1991/90 (1)										
Jan	7.4	9.3	8.8	8.3	8.2	5.7	6.7	6.7	7.9	7.1
Feb	6.4	9.2	7.7	7.3	7.8	5.1	6.1	5.0	6.5	6.7
Mar	7.1	9.2	7.8	7.2	8.0	5.1	6.0	5.2	6.8	6.3
Apr	7.5	8.2	7.1	6.8	8.4	5.1	5.9	6.5	6.1	6.0
May	7.7	7.8	6.5	7.2	8.0	5.3	5.4	6.7	6.6	5.6
Jun	7.4	7.7	6.3	7.3	8.1	5.4	5.4	5.7	6.2	5.6
Jul	6.9	7.6	5.7	7.0	7.5	5.1	5.3	5.8	6.1	5.3
Aug	6.4	7.2	5.3	6.7	7.5	5.1	5.1	5.7	6.1	5.0
Sep	5.8	6.8	5.4	6.0	7.3	4.6	4.8	5.3	5.5	4.6
Oct	4.9	6.7	5.0	5.2	6.4	3.3	3.6	4.4	4.4	4.2
Nov	4.1	6.4	4.4	5.1	5.8	3.2	4.1	3.5	4.1	3.8
Dec	3.0	4.7	3.1	3.9	5.4	3.1	3.3	2.6	3.7	3.6

Source: Statistics Canada, Catalogue No. 62-010

(1) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: The Consumer Price Index measures the movement of prices in each province. It does not indicate price level differences between provinces.

Annual data are percent changes from the previous year.

Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2202-2211 AND 2232-2241 \*\*

### 4.3 CONSUMER PRICE INDEX, ALL-ITEMS, CANADA AND SELECTED CITIES

	Canada	Edmonton	Calgary	Halifax	Montreal	Toronto	Winnipeg	Regina	Vancouver
(1986=100)									
1987	104.4	104.2	103.8	103.6	104.5	105.6	104.2	105.0	103.1
1988	108.6	107.1	106.6	107.4	108.5	110.9	108.5	109.4	106.8
1989 (1)	114.0	111.8	110.7	112.5	113.3	117.9	113.7	114.4	111.5
1990	119.5	117.8	117.6	118.2	118.1	123.4	118.9	119.2	117.6
1991	126.2	124.4	124.6	125.1	126.9	128.6	125.0	125.6	123.7
1990									
Jan	117.0	114.8	114.5	115.1	115.8	121.0	116.4	116.4	115.1
Feb	117.7	115.0	115.1	116.4	116.3	121.9	117.0	117.7	115.8
Mar	118.1	115.4	115.4	116.8	116.7	122.3	117.6	118.3	116.2
Apr	118.1	116.1	116.3	116.8	116.6	122.2	117.6	118.4	116.5
May	118.7	116.7	116.6	117.5	117.3	122.7	118.0	118.5	116.9
Jun	119.2	117.4	117.4	117.8	117.7	123.3	118.6	119.1	117.5
Jul	119.8	118.4	118.0	118.5	118.2	124.0	119.1	119.9	117.8
Aug	119.9	118.7	118.4	118.6	118.4	123.9	119.4	119.9	118.1
Sep	120.2	119.1	118.9	119.0	118.9	124.0	119.7	119.9	118.8
Oct	121.2	120.1	119.7	119.4	120.1	125.0	120.7	120.7	119.2
Nov	121.9	120.9	120.4	120.7	120.9	125.6	121.3	120.6	120.1
Dec	121.8	120.5	120.5	121.6	120.8	125.1	121.7	121.3	119.7
1991 (2)									
Jan	125.0	123.9	123.9	124.8	125.3	127.4	124.3	124.0	123.0
Feb	125.0	122.5	122.9	125.0	125.3	127.3	124.1	123.4	123.2
Mar	125.5	123.1	123.6	125.5	126.1	127.8	124.6	124.3	123.3
Apr	125.5	123.4	123.3	124.8	126.2	127.8	124.5	126.1	123.3
May	126.1	124.6	124.3	125.1	126.8	128.7	124.4	126.4	123.5
Jun	126.7	124.6	124.6	125.0	127.3	129.4	125.0	125.9	124.0
Jul	126.8	125.2	125.5	125.1	127.3	129.6	125.4	127.0	123.9
Aug	126.9	125.3	125.9	124.8	127.4	129.6	125.6	127.0	123.9
Sep	126.7	125.2	125.7	125.2	127.5	129.1	125.6	126.3	124.1
Oct	126.5	124.8	125.3	125.2	127.7	128.7	125.0	126.6	124.1
Nov	127.0	125.2	125.6	126.0	127.9	129.2	126.3	125.2	124.6
Dec	126.4	124.6	125.0	125.2	127.5	128.6	125.7	124.9	124.0

Source: Statistics Canada, Catalogue No. 62-001

(1) Beginning Jan-89, the 1982 Family Expenditure weights were replaced by the 1986 survey weights. See Definitions for further information.

(2) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: The Consumer Price Index measures the movement of prices in each city. It does not indicate price level differences between cities or between cities and Canada.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2201, 2212-2229, 2231 AND 2242-2259 \*\*

#### 4.4 CONSUMER PRICE INDEX, ALL-ITEMS ANNUAL PERCENT CHANGE, CANADA AND SELECTED CITIES

	Canada	Edmonton	Calgary	Halifax	Montreal	Toronto	Winnipeg	Regina	Vancouver
(Percent Change)									
1987/86	4.4	4.2	3.8	3.6	4.5	5.6	4.2	5.0	3.1
1988/87	4.0	2.8	2.7	3.7	3.8	5.0	4.1	4.2	3.6
1989/88	5.0	4.4	3.8	4.7	4.4	6.3	4.8	4.6	4.4
1990/89	4.8	5.4	6.2	5.1	4.2	4.7	4.6	4.2	5.5
1991/90	5.6	5.6	6.0	5.8	7.5	4.2	5.1	5.4	5.2
1990/89									
Jan	5.5	5.6	7.2	5.1	4.8	5.9	4.7	4.4	3.6
Feb	5.5	5.5	6.9	5.9	4.4	5.8	4.8	4.9	4.3
Mar	5.3	4.9	6.4	6.0	4.6	5.6	4.9	5.0	3.9
Apr	5.0	5.2	7.1	5.3	4.0	5.1	4.8	5.5	3.2
May	4.4	4.4	5.9	4.6	3.6	4.4	4.2	3.6	4.1
Jun	4.3	4.4	5.8	4.4	3.4	4.3	4.9	3.8	4.5
Jul	4.2	4.8	5.4	4.2	3.3	4.2	3.8	3.7	4.4
Aug	4.2	5.1	5.6	4.3	3.6	4.0	4.0	3.7	4.8
Sep	4.2	5.3	5.5	4.8	4.2	4.0	4.2	3.7	4.7
Oct	4.8	6.1	6.3	4.9	4.7	4.3	5.0	4.3	5.0
Nov	5.0	6.4	6.5	5.4	5.0	4.5	4.6	3.8	4.9
Dec	5.0	5.9	6.2	6.0	5.4	4.0	5.2	4.7	5.4
1991/90 (1)									
Jan	6.8	7.9	8.2	8.4	8.2	5.3	6.8	6.5	6.9
Feb	6.2	6.5	6.8	7.4	7.7	4.4	6.1	4.8	6.4
Mar	6.3	6.7	7.1	7.4	8.1	4.5	6.0	5.1	6.1
Apr	6.3	6.3	6.0	6.8	8.2	4.6	5.9	6.5	5.8
May	6.2	6.8	6.6	6.5	8.1	4.9	5.4	6.7	5.6
Jun	6.3	6.1	6.1	6.1	8.2	4.9	5.4	5.7	5.5
Jul	5.8	5.7	6.4	5.6	7.7	4.5	5.3	5.9	5.2
Aug	5.8	5.6	6.3	5.2	7.6	4.6	5.2	5.9	4.9
Sep	5.4	5.1	5.7	5.2	7.2	4.1	4.9	5.3	4.5
Oct	4.4	3.9	4.7	4.9	6.3	3.0	3.6	4.9	4.1
Nov	4.2	3.6	4.3	4.4	5.8	2.9	4.1	3.8	3.7
Dec	3.8	3.4	3.7	3.0	5.5	2.8	3.3	3.0	3.6

Source: Statistics Canada, Catalogue No. 62-001

(1) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: The Consumer Price Index measures the movement of prices in each city. It does not indicate price level differences between cities or between cities and Canada.

Annual data are percent changes from the previous year.

Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2201, 2212-2229, 2231 AND 2242-2259 \*\*

# 4.5 CONSUMER PRICE INDEX BY MAIN COMPONENTS, EDMONTON

	All Items	Food	Housing	Clothing	Trans- portation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(1986=100)								
1987	104.2	104.3	101.8	103.8	104.6	104.1	105.6	115.1
1988	107.1	106.6	104.2	109.3	103.5	107.6	112.5	123.5
1989 (1)	111.8	109.6	108.1	112.8	110.5	113.0	116.9	133.3
1990	117.8	113.3	114.4	115.8	117.6	118.5	121.6	146.0
1991	124.4	119.5	120.5	126.3	118.6	126.1	129.4	172.0
1990								
Jan	114.8	111.8	111.3	112.9	114.3	115.9	119.3	139.3
Feb	115.0	111.7	111.2	115.1	114.7	115.9	119.8	140.0
Mar	115.4	112.3	112.2	115.9	114.0	116.4	119.7	140.0
Apr	116.1	111.7	113.0	116.1	114.8	117.9	119.7	143.3
May	116.7	112.1	113.7	115.3	116.0	118.5	119.9	143.9
Jun	117.4	113.6	114.3	115.7	116.2	118.3	120.2	147.3
Jul	118.4	115.0	115.3	115.5	117.5	118.9	121.0	147.3
Aug	118.7	114.1	115.8	117.3	117.5	119.6	121.8	148.2
Sep	119.1	114.0	116.1	117.3	118.2	119.9	123.3	148.8
Oct	120.1	114.5	116.3	116.4	121.4	119.8	124.9	150.5
Nov	120.9	114.8	116.8	116.3	123.9	120.2	124.8	151.5
Dec	120.5	114.1	117.1	116.2	122.3	120.8	124.4	151.5
1991 (2)								
Jan	123.9	119.7	119.3	121.2	125.2	123.5	128.0	154.2
Feb	122.5	119.0	119.7	125.7	115.5	126.0	128.3	155.8
Mar	123.1	117.8	119.5	126.8	116.6	125.5	128.5	169.0
Apr	123.4	119.6	119.8	126.0	115.3	125.9	128.2	173.2
May	124.6	120.7	119.8	126.9	118.5	126.4	129.2	175.9
Jun	124.6	123.1	119.9	126.3	116.7	126.8	128.8	176.0
Jul	125.2	122.2	120.5	126.4	119.4	126.6	129.0	176.0
Aug	125.3	119.8	120.8	129.1	120.4	126.0	129.3	175.7
Sep	125.2	119.6	121.4	128.2	118.7	125.7	130.8	175.9
Oct	124.8	117.3	121.5	127.3	118.6	126.5	130.7	177.4
Nov	125.2	117.8	121.7	126.8	119.5	127.7	130.8	177.3
Dec	124.6	117.3	121.5	125.1	118.6	126.1	130.9	177.4

Source: Statistics Canada, Catalogue No. 62-001

(1) Beginning Jan-89, the 1982 Family Expenditure Survey weights were replaced by the 1986 survey weights.

(2) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2224 AND 2254 \*\*



#### 4.6 CONSUMER PRICE INDEX BY MAIN COMPONENTS, ANNUAL PERCENT CHANGE, EDMONTON

	All Items	Food	Housing	Clothing	Trans- portation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(Percent Change)								
1987/86	4.2	4.3	1.8	3.8	4.6	4.1	5.6	15.1
1988/87	2.8	2.2	2.4	5.3	-1.1	3.4	6.5	7.3
1989/88	4.4	2.8	3.7	3.2	6.8	5.0	3.9	7.9
1990/89	5.4	3.4	5.8	2.7	6.4	4.9	4.0	9.5
1991/90	5.6	5.5	5.3	9.1	0.9	6.4	6.4	17.8
1990/89								
Jan	5.6	3.0	5.1	2.0	9.3	6.2	4.3	11.5
Feb	5.5	2.3	4.9	2.0	10.6	5.4	4.2	11.6
Mar	4.9	3.2	5.5	1.8	5.9	5.0	4.0	11.6
Apr	5.2	2.5	5.7	3.3	5.8	4.7	3.5	14.2
May	4.4	1.4	6.1	1.3	4.9	5.1	2.9	7.1
Jun	4.4	2.3	6.0	2.8	3.7	5.1	3.0	7.3
Jul	4.8	3.9	6.3	2.0	3.4	4.8	3.6	7.1
Aug	5.1	3.5	6.4	3.9	4.0	4.9	4.0	7.9
Sep	5.3	3.7	6.4	3.5	4.7	4.7	4.5	8.3
Oct	6.1	4.9	6.2	3.1	7.8	3.9	5.0	9.3
Nov	6.4	5.2	6.1	3.2	9.2	4.1	4.8	9.6
Dec	5.9	4.9	6.1	2.8	7.6	4.5	4.5	9.4
1991/90 (1)								
Jan	7.9	7.1	7.2	7.4	9.5	6.6	7.3	10.7
Feb	6.5	6.5	7.6	9.2	0.7	8.7	7.1	11.3
Mar	6.7	4.9	6.5	9.4	2.3	7.8	7.4	20.7
Apr	6.3	7.1	6.0	8.5	0.4	6.8	7.1	20.9
May	6.8	7.7	5.4	10.1	2.2	6.7	7.8	22.2
Jun	6.1	8.4	4.9	9.2	0.4	7.2	7.2	19.5
Jul	5.7	6.3	4.5	9.4	1.6	6.5	6.6	19.5
Aug	5.6	5.0	4.3	10.1	2.5	5.4	6.2	18.6
Sep	5.1	4.9	4.6	9.3	0.4	4.8	6.1	18.2
Oct	3.9	2.4	4.5	9.4	-2.3	5.6	4.6	17.9
Nov	3.6	2.6	4.2	9.0	-3.6	6.2	4.8	17.0
Dec	3.4	2.8	3.8	7.7	-3.0	4.4	5.2	17.1

Source: Statistics Canada, Catalogue No. 62-001

(1) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: Annual data are percent changes from the previous year.

Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2224 AND 2254 \*\*

# 4.7 CONSUMER PRICE INDEX BY MAIN COMPONENTS, CALGARY

	All Items	Food	Housing	Clothing	Trans- portation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(1986=100)								
1987	103.8	104.2	101.3	103.9	104.2	104.2	105.2	114.8
1988	106.6	105.9	103.6	109.9	102.2	108.9	111.2	123.0
1989 (1)	110.7	105.5	107.9	113.9	107.5	113.0	115.3	134.3
1990	117.6	112.6	114.7	117.2	115.4	118.2	120.6	146.7
1991	124.6	120.5	120.4	127.6	117.1	125.2	128.8	171.6
1990								
Jan	114.5	110.4	112.0	114.1	111.6	115.2	117.9	140.7
Feb	115.1	110.4	112.3	116.4	112.2	116.6	118.5	141.2
Mar	115.4	110.2	112.7	117.2	112.5	116.9	118.9	141.2
Apr	116.3	111.7	113.6	117.4	113.0	117.1	118.9	144.0
May	116.6	110.8	114.4	116.8	113.2	119.0	119.9	145.0
Jun	117.4	112.8	114.7	117.1	114.2	117.1	119.8	148.1
Jul	118.0	113.8	115.2	117.0	115.0	117.9	120.4	148.1
Aug	118.4	113.5	115.6	118.7	115.3	119.5	120.6	149.0
Sep	118.9	114.4	115.9	118.7	115.8	119.0	122.0	149.5
Oct	119.7	114.7	116.1	117.9	118.9	119.4	123.3	150.6
Nov	120.4	113.8	117.0	117.4	121.7	120.6	123.3	151.4
Dec	120.5	114.6	117.1	117.5	120.9	120.3	123.4	151.3
1991 (2)								
Jan	123.9	119.8	119.4	122.4	122.7	125.5	127.8	156.5
Feb	122.9	120.5	119.3	127.0	114.6	123.4	128.5	157.9
Mar	123.6	120.4	119.5	128.2	114.6	124.0	128.4	169.0
Apr	123.3	119.8	119.3	127.3	112.9	125.8	128.1	172.1
May	124.3	120.4	119.8	128.2	115.6	125.8	128.3	174.0
Jun	124.6	122.5	120.1	127.6	115.1	126.6	128.2	174.0
Jul	125.5	122.0	121.2	127.6	118.2	125.6	128.1	174.1
Aug	125.9	120.9	121.2	130.5	119.4	125.7	128.6	175.3
Sep	125.7	120.6	121.0	129.5	119.0	125.1	129.8	175.7
Oct	125.3	119.7	121.1	128.6	117.7	125.8	129.9	176.4
Nov	125.6	120.2	121.6	128.0	118.2	125.4	130.0	177.0
Dec	125.0	119.4	121.0	126.1	117.7	124.0	130.2	177.0

Source: Statistics Canada, Catalogue No. 62-001

(1) Beginning Jan-89, the 1982 Family Expenditure weights were replaced by the 1986 survey weights.

(2) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2225 AND 2255 \*\*

#### 4.8 CONSUMER PRICE INDEX BY MAIN COMPONENTS, ANNUAL PERCENT CHANGE, CALGARY

	All Items	Food	Housing	Clothing	Trans- portation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(Percent Change)								
1987/86	3.8	4.2	1.3	3.9	4.2	4.2	5.2	14.8
1988/87	2.7	1.6	2.3	5.8	-1.9	4.5	5.7	7.1
1989/88	3.8	-0.4	4.2	3.6	5.2	3.8	3.7	9.2
1990/89	6.2	6.7	6.3	2.9	7.3	4.6	4.6	9.2
1991/90	6.0	7.0	5.0	8.9	1.5	5.9	6.8	17.0
1990/89								
Jan	7.2	9.2	6.2	2.2	10.5	4.7	4.0	13.3
Feb	6.9	8.0	6.0	2.4	9.9	5.3	4.5	12.3
Mar	6.4	7.7	5.8	1.9	7.8	6.1	4.7	11.9
Apr	7.1	9.0	6.7	3.4	7.0	5.8	4.2	13.8
May	5.9	6.1	7.0	2.0	5.6	5.9	4.4	7.5
Jun	5.8	6.7	6.6	3.3	4.9	4.4	4.3	7.9
Jul	5.4	5.6	6.3	2.7	4.4	4.0	4.5	6.9
Aug	5.6	5.6	6.3	4.3	5.1	4.3	4.4	7.2
Sep	5.5	4.8	6.1	3.7	5.6	3.2	5.1	7.6
Oct	6.3	6.0	6.2	3.1	8.7	3.9	5.3	8.1
Nov	6.5	6.1	6.4	3.1	10.0	4.3	5.3	8.2
Dec	6.2	6.6	5.7	2.9	8.6	4.1	4.7	7.9
1991/90 (1)								
Jan	8.2	8.5	6.6	7.3	9.9	8.9	8.4	11.2
Feb	6.8	9.1	6.2	9.1	2.1	5.8	8.4	11.8
Mar	7.1	9.3	6.0	9.4	1.9	6.1	8.0	19.7
Apr	6.0	7.3	5.0	8.4	-0.1	7.4	7.7	19.5
May	6.6	8.7	4.7	9.8	2.1	5.7	7.0	20.0
Jun	6.1	8.6	4.7	9.0	0.8	8.1	7.0	17.5
Jul	6.4	7.2	5.2	9.1	2.8	6.5	6.4	17.6
Aug	6.3	6.5	4.8	9.9	3.6	5.2	6.6	17.7
Sep	5.7	5.4	4.4	9.1	2.8	5.1	6.4	17.5
Oct	4.7	4.4	4.3	9.1	-1.0	5.4	5.4	17.1
Nov	4.3	5.6	3.9	9.0	-2.9	4.0	5.4	16.9
Dec	3.7	4.2	3.3	7.3	-2.6	3.1	5.5	17.0

Source: Statistics Canada, Catalogue No. 62-001

(1) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: Annual data are percent changes from the previous year.

Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2225 AND 2255 \*\*

#### 4.9 NEW HOUSING PRICE INDEXES, CALGARY AND EDMONTON

	Calgary			Edmonton		
	Total	House	Land	Total	House	Land
(1986=100)						
1986	100.0	100.0	100.0	100.0	100.0	100.0
1987	103.9	103.9	103.3	104.2	103.9	105.3
1988	113.0	111.3	119.0	109.5	107.9	115.3
1989	121.1	117.3	134.0	118.6	113.6	135.2
1990	136.2	130.4	155.7	137.5	130.7	161.1
1990						
Jan	132.0	127.5	146.6	128.2	123.0	145.8
Feb	133.8	129.4	148.5	133.5	127.1	156.7
Mar	137.3	133.0	151.3	137.5	131.4	158.8
Apr	138.6	133.5	155.6	137.9	131.6	159.7
May	137.9	132.3	156.5	138.2	131.6	161.3
Jun	137.9	132.1	157.0	138.2	131.6	161.3
Jul	136.8	130.2	157.5	138.3	131.7	161.3
Aug	137.1	130.4	160.2	139.0	131.7	163.9
Sep	136.4	130.1	158.7	139.4	131.7	165.6
Oct	136.4	130.1	158.7	139.7	132.2	165.3
Nov	136.7	130.4	158.9	139.9	132.2	166.1
Dec	133.2	125.8	158.9	140.1	132.2	166.9
1991 (1)						
Jan	133.2	125.9	158.6	140.7	132.8	167.9
Feb	133.3	126.0	158.6	139.5	131.0	168.3
Mar	133.8	126.6	159.0	140.0	131.2	169.4
Apr	132.3	124.8	158.3	139.6	130.9	169.2
May	132.6	125.1	158.7	139.6	130.5	170.8
Jun	132.7	125.0	159.3	140.5	131.2	172.0
Jul	131.7	124.0	158.4	140.5	131.1	172.3
Aug	132.4	124.7	159.2	141.1	131.2	175.0
Sep	132.4	124.7	159.2	141.1	131.2	175.0
Oct	132.2	124.4	159.3	141.2	131.3	175.1
Nov	131.5	123.6	158.9	141.5	131.3	176.6
Dec						

Source: Statistics Canada, Catalogue No. 62-007

(1) Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: It should be noted that the averages are not comparable between cities since they reflect different mixes of single, semi-detached and row housing.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2032 \*\*



Chart 5

**Gross Domestic Product in Constant  
(1986) Dollars - Annual Percent Change**

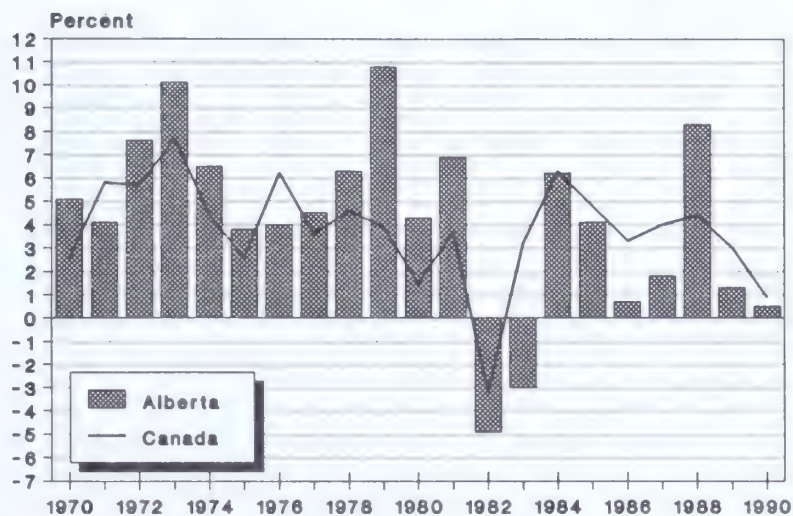
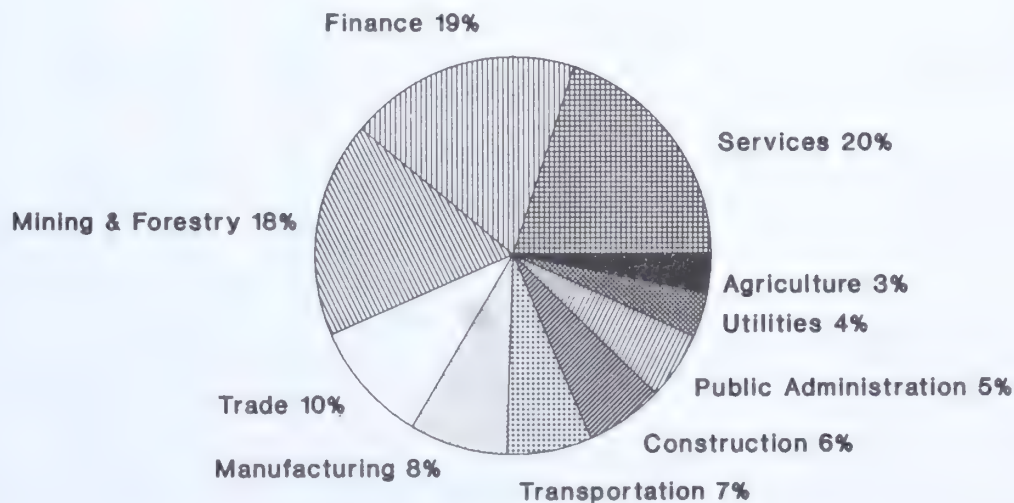


Chart 6

**Alberta Gross Domestic Product At Factor  
Cost, Distribution by Industry - 1990**



## 5.1 GROSS DOMESTIC PRODUCT AT MARKET PRICES, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.*	B.C.
(Millions of Dollars)											
1986	504,124	6,782	1,498	13,031	10,079	117,493	202,710	18,421	17,145	56,553	57,342
1987	548,949	7,385	1,587	13,967	10,887	129,593	223,775	19,542	17,191	58,758	62,866
1988	603,571	7,912	1,781	14,898	11,764	142,417	251,325	21,541	18,120	62,544	69,291
1989	652,835	8,406	1,897	16,019	12,645	151,801	273,352	23,485	19,610	66,748	76,332
1990 (p)	678,985	8,732	2,001	16,916	13,187	157,210	281,210	23,990	20,494	72,580	81,085
% Change 1990/89	4.0	3.9	5.5	5.6	4.3	3.6	2.9	2.2	4.5	8.7	6.2

Sources: Alberta Bureau of Statistics, "Alberta Economic Accounts," for Alberta  
Statistics Canada, Catalogue No. 13-213 for Canada and provinces

\* 1990 data are preliminary and subject to revision.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2610-2619, 2621, 6949 AND  
ASIST MATRIX 6100 \*\*

## 5.2 GROSS DOMESTIC PRODUCT IN CONSTANT (1986) DOLLARS, ALBERTA

	1986	1987	1988	1989	1990*
(Millions of Dollars)					
Personal Expenditure on Consumer Goods & Services	28,410	28,431	29,743	31,132	31,855
Government Current Expenditure on Goods & Services (1)	9,942	9,681	9,665	9,855	9,910
Gross Fixed Capital Formation	12,668	13,188	15,362	15,068	16,113
Government	2,093	1,911	1,767	1,800	1,851
Business	10,575	11,277	13,595	13,268	14,262
Residential Construction	1,664	1,941	2,169	2,503	2,931
Non-Residential Construction	5,713	5,657	6,523	5,750	6,212
Machinery and Equipment	3,198	3,679	4,903	5,015	5,119
Final Domestic Demand	51,020	51,300	54,770	56,055	57,878
Inventories	752	-324	-279	281	24
Non-Farm	220	-171	-112	240	-149
Farm	453	-154	-116	31	188
Grain in Commercial Channels	79	-1	-51	10	-15
Exports Out of Alberta	22,175	24,028	26,612	26,139	26,344
Imports Into Alberta	-18,143	-19,081	-20,638	-21,452	-22,768
Residual	749	1,625	1,885	2,120	1,955
Gross Domestic Product at Market Prices	56,553	57,548	62,350	63,143	63,433

Source: Alberta Bureau of Statistics, "Alberta Economic Accounts"

\*Preliminary - Subject to Revision

(1) Current refers to current operating expenditures on goods and services rather than fixed capital expenditures.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6102 \*\*

### 5.3 GROSS DOMESTIC PRODUCT AT FACTOR COST (1) BY INDUSTRY, ALBERTA

	1986	1987	1988	1989	1990*
(Millions of Dollars)					
Agriculture (2)	2,267	1,970	2,651	2,314	2,217
Forestry (3)	149	163	187	211	231
Mining	9,115	10,540	10,174	10,784	12,240
Manufacturing	4,751	4,847	5,130	5,380	5,663
Construction	2,821	3,029	3,520	3,947	4,537
Transportation (4)	3,879	4,104	4,273	4,532	4,879
Utilities	1,972	2,069	2,301	2,476	2,540
Trade (5)	5,380	5,632	6,189	6,764	7,040
Finance (6)	11,681	11,138	11,441	12,390	13,337
Finance - Excluding Natural Resource Royalties	9,094	9,122	9,368	10,281	10,844
Services (7)	10,641	11,100	11,951	13,093	14,161
Public Administration (8)	3,217	3,257	3,363	3,576	3,889
Gross Domestic Product at Factor Cost	55,871	57,849	61,182	65,467	70,732

Source: Alberta Bureau of Statistics, "Alberta Economic Accounts"

\*Preliminary - Subject to Revision

(1) GDP at Market Price is obtained by adding Indirect Taxes less Subsidies, plus Residual.

(2) Includes Fishing and Trapping.

(3) Includes only Logging and Services Incidental to Forestry; excludes sawmills, pulp and paper mills, etc. which are included in Manufacturing.

(4) Includes Storage and Communications.

(5) Includes Retail and Wholesale Trade.

(6) Includes Insurance and Real Estate, also includes Natural Resource Royalties.

(7) Includes Community, Business and Personal Services.

(8) Includes Federal, Provincial and Local Government Administration; does not include public schools and public hospitals which are included in Services.

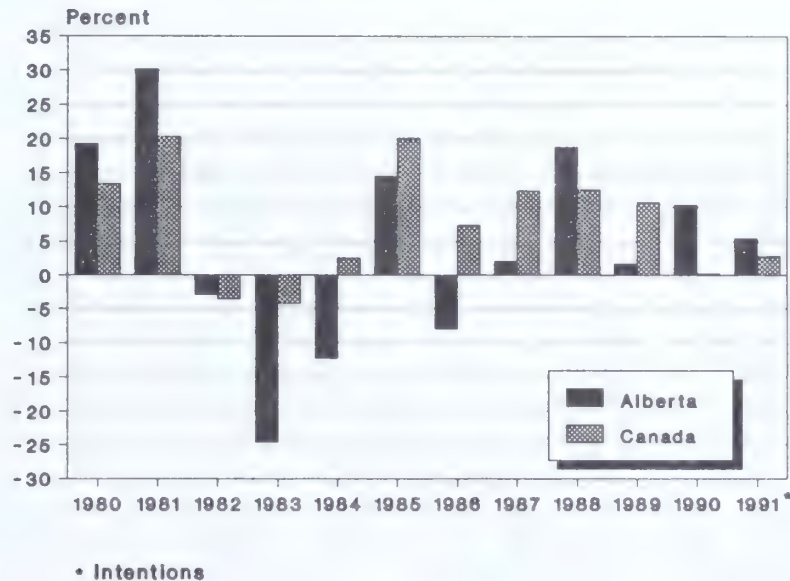
\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6101 \*\*





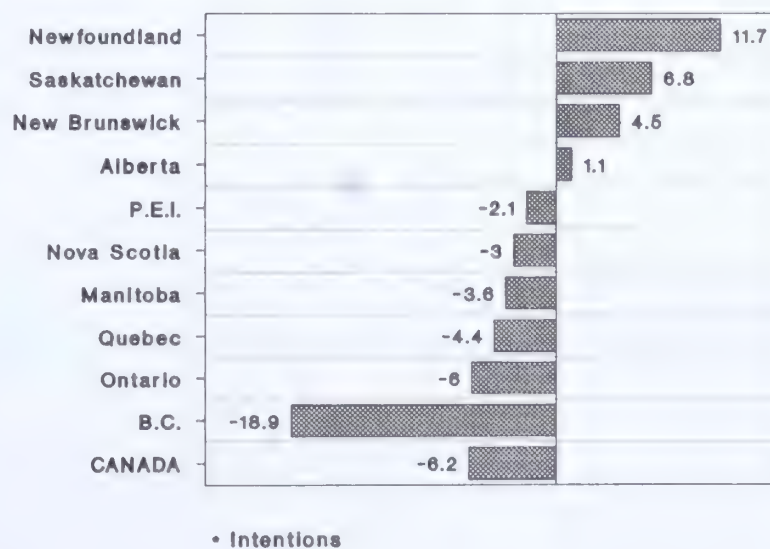
**Chart 7**

## Capital Investment Expenditures Annual Percent Change



**Chart 8**

## Housing Capital Investment Expenditures Annual Percent Change 1991\* From 1990



## 6.1 PRIVATE AND PUBLIC INVESTMENT, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yuk. & N.W.T.
(Millions of Dollars)												
<b>Capital Expenditures</b>												
1987	109,162	1,844	334	2,727	2,152	24,941	44,966	3,516	4,311	12,754	10,781	836
1988	122,935	1,923	393	3,131	2,497	27,454	50,398	3,782	4,593	15,155	12,710	899
1989	136,060	2,100	407	3,473	2,832	29,548	57,207	3,751	4,251	15,408	15,925	1,159
1990 (p)	136,389	1,963	431	3,484	2,730	30,322	53,259	3,904	4,643	16,999	17,712	943
1991 (i)	140,252	2,701	439	3,415	2,741	31,068	55,079	3,908	5,030	17,905	17,147	820
<b>Repair Expenditures</b>												
1987	31,023	603	101	980	751	6,583	10,444	1,314	1,438	4,027	4,504	278
1988	34,133	662	119	1,045	810	7,218	11,799	1,453	1,591	4,233	4,936	268
1989	37,172	687	125	1,150	881	7,911	13,109	1,534	1,675	4,517	5,290	296
1990 (p)	38,310	673	133	1,134	910	8,161	13,445	1,529	1,754	4,832	5,478	262
1991 (i)	39,202	693	133	1,165	968	8,429	13,801	1,556	1,781	4,809	5,605	261
<b>Total Expenditures</b>												
1987	140,185	2,447	435	3,707	2,903	31,524	55,410	4,830	5,749	16,781	15,284	1,114
1988	157,068	2,584	513	4,176	3,307	34,672	62,197	5,235	6,184	19,388	17,646	1,167
1989	173,232	2,786	532	4,623	3,713	37,458	70,315	5,285	5,926	19,925	21,215	1,454
1990 (p)	174,700	2,635	564	4,618	3,640	38,483	66,705	5,433	6,397	21,831	23,190	1,205
1991 (i)	179,454	3,394	572	4,579	3,708	39,497	68,880	5,465	6,811	22,714	22,753	1,082
<b>% Change</b>												
1991/90	2.7	28.8	1.4	-0.8	1.9	2.6	3.3	0.6	6.5	4.0	-1.9	-10.2

Source: Statistics Canada, Catalogue No.'s 61-205 and 61-206

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1066 AND 1244 \*\*

## 6.2 PRIVATE AND PUBLIC INVESTMENT BY INDUSTRY, ALBERTA

	1987	1988	1989	1990(p)	1991(i)		
					Total	Capital	Repair
(Millions of Dollars)							
Total	16,781	19,388	19,925	21,831	22,714	17,905	4,809
Primary Industries & Construction	5,972	7,306	6,491	6,893	7,653	5,843	1,810
Manufacturing	1,043	1,561	2,190	2,408	2,634	2,036	598
Food and Beverages	106	111	129	111	121	70	51
Wood	87	112	84	121	112	58	54
Metal Fabricating	8	16	15	13	12	5	6
Non-Metallic Mineral Products	48	68	63	55	72	32	40
Other Manufacturing	793	1,255	1,899	2,108	2,317	1,871	447
Transportation, Communication and Other Utilities	2,572	3,049	3,266	3,688	3,583	2,567	1,016
Transportation	1,069	1,368	1,430	1,775	1,657	1,080	577
Communication	692	770	801	942	797	542	255
Other Utilities	811	911	1,035	972	1,129	946	183
Trade, Finance & Commercial Services	2,616	2,722	2,592	2,636	2,641	2,286	355
Trade	423	494	465	387	439	338	101
Finance	1,045	1,066	896	1,090	948	826	123
Commercial Services	1,149	1,163	1,232	1,160	1,254	1,122	132
Institutions & Government Departments	2,618	2,490	2,585	2,894	2,840	2,220	621
Institutions	744	691	786	847	807	617	190
Government Departments	1,875	1,799	1,799	2,047	2,033	1,603	431
Housing	1,960	2,260	2,800	3,311	3,363	2,953	410

Source: Statistics Canada, Catalogue No.'s 61-205 and 61-206

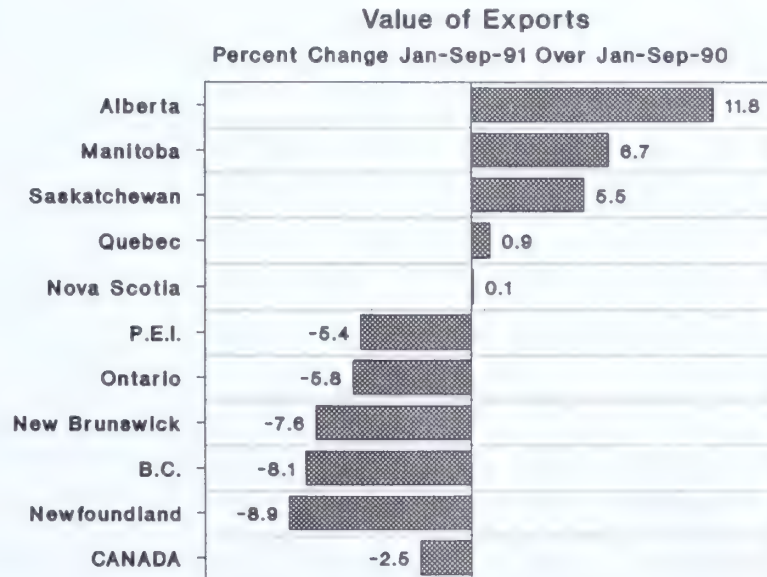
\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1077 AND 1255 \*\*





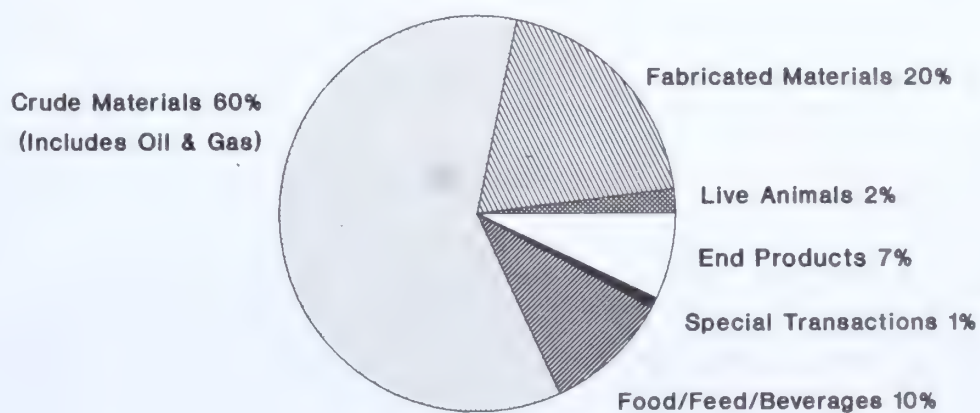
## 7.....INTERNATIONAL TRADE

**Chart 9**



**Chart 10**

**Distribution of Alberta Exports  
Jan-Sep-91**



Total Exports: \$12.0 Billion

## 7.1 INTERNATIONAL TRADE BY COMMODITY CLASSIFICATION, ALBERTA

	1990					1991 (p)				
	Total	Jan-Mar	Apr-Jun	Jul-Sep (r)	Oct-Dec	Total	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
(Millions of Dollars)										
Domestic Exports Originating in Alberta										
Live Animals	293	75	103	68	48		75	90	70	
Food, Feed, Beverages & Tobacco	1,853	487	594	349	430		421	497	354	
Crude Materials*	9,565	2,142	1,931	2,166	3,208		2,789	2,289	2,111	
Fabricated Materials*	3,034	747	702	704	888		884	774	718	
End Products*	727	163	191	200	176		184	263	393	
Special Transactions, Trade	150	28	29	42	36		33	35	35	
Total Domestic Exports	15,622	3,640	3,550	3,528	4,785		4,385	3,948	3,682	
Imports Clearing Customs in Alberta										
Live Animals	11	4	3	2	2		3	3	2	
Food, Feed, Beverages & Tobacco	332	83	88	80	81		84	96	107	
Crude Materials*	50	12	10	12	16		15	15	13	
Fabricated Materials*	880	214	234	215	217		244	236	190	
End Products*	2,653	676	710	603	664		898	761	667	
Special Transactions, Trade	238	49	55	68	65		64	78	75	
Total Imports	4,164	1,039	1,099	980	1,046		1,308	1,188	1,055	

Source: Statistics Canada, Catalogue No. 65-001

\* Inedible

Note: Due to changes in methodology, 1990 and 1991 export data are not directly comparable to previous years. Refer to Appendix 1 for further information.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6280 \*\*

## 7.2 ALBERTA EXPORTS BY SELECTED COMMODITIES, 1990

	Value (p) (Thousands of Dollars)	Percent of Total
Exports by Selected Commodity:		
Crude Petroleum	5,289,630	33.9
Natural Gas	2,623,908	16.8
Wheat (Durum, Meslin)	1,037,746	6.6
Organic Chemicals	630,162	4.0
Sulphur (Crude, Refined)	607,349	3.9
Coal (Bituminous, Sub-bituminous)	509,648	3.3
Polyethelene Resins	430,793	2.8
Pulp of Wood	376,832	2.4
Barley	306,934	2.0
Propane Gas, Liquefied	294,771	1.9
Electrical Machinery and Equipment/Parts	271,647	1.7
Wood (including lumber, plywood, veneer)	269,422	1.7
Cattle	255,034	1.6
Canola Seed	229,654	1.5
Fertilizers	222,769	1.4
Boilers, Machinery, Mechanical Appliances and Parts	215,829	1.4
Butane Gas, Liquefied	147,694	0.9
Inorganic Chemicals, Precious Metals, Radioactive Elements	109,108	0.7
Rawhides and Skins, Leather Goods, Furskins	92,260	0.6
Beef/Veal (fresh, chilled, frozen)	85,546	0.5
Pork (fresh, chilled, frozen)	83,651	0.5
Transportation Vehicles and Associated Equipment	82,398	0.5
Man-Made Staple Fibres	79,748	0.5
Animal or Vegetable Fats and Oils	39,552	0.3
Articles of Iron or Steel	34,940	0.2
Sub-Total	14,327,025	91.7
Other Commodities	1,295,318	8.3
Total Exports	15,622,343	100.0

Source: Statistics Canada, External Trade Division

Note: Commodity data presented in this table are based on the Harmonized Commodity Description and Coding System (Harmonized System or H.S.), an international commodity classification. Canada adopted this system in 1988 to replace the Customs Tariff Schedule, as well as the Canadian International Trade Classification (CITC) and the Export Commodity Classification (XCC). The Harmonized System is based on a fundamental principle - that goods are classified by what they are and not according to their stage of fabrication use, made in Canada status or any other such criteria.

Refer to Statistics Canada Catalogue No. 12-578E, "Canadian Export Classification" for more information.

### 7.3 ALBERTA EXPORTS BY SELECTED COUNTRIES, 1990

	Value (p) (Thousands of Dollars)	Percent of Total
United States	11,680,786	74.8
Japan	1,121,627	7.2
Peoples Republic of China	380,752	2.4
USSR	351,660	2.3
South Korea	339,728	2.2
Taiwan	156,452	1.0
Saudi Arabia	98,370	0.6
Morocco	92,290	0.6
Australia	89,617	0.6
Brazil	82,554	0.5
Indonesia	77,225	0.5
Iran	74,292	0.5
United Kingdom	72,998	0.5
South Africa	51,178	0.3
Mexico	50,707	0.3
Thailand	48,651	0.3
Belgium	47,190	0.3
India	47,021	0.3
Italy	45,654	0.3
Hong Kong	45,214	0.3
Sub-Total	14,953,966	95.7
Other Countries	668,377	4.3
Total Exports	15,622,343	100.0

Source: Statistics Canada, External Trade Division

Note: Data presented in this table are based on the Harmonized Commodity Description and Coding System (Harmonized System or H.S.), an international commodity classification. Canada adopted this system in 1988 to replace the Customs Tariff Schedule, as well as the Canadian International Trade Classification (CITC) and the Export Commodity Classification (XCC). The Harmonized System is based on a fundamental principle - that goods are classified by what they are and not according to their stage of fabrication use, made in Canada status or any other such criteria.

Refer to Statistics Canada Catalogue No. 12-578E, "Canadian Export Classification" for more information.



Chart 11

## Bank of Canada Interest Rate

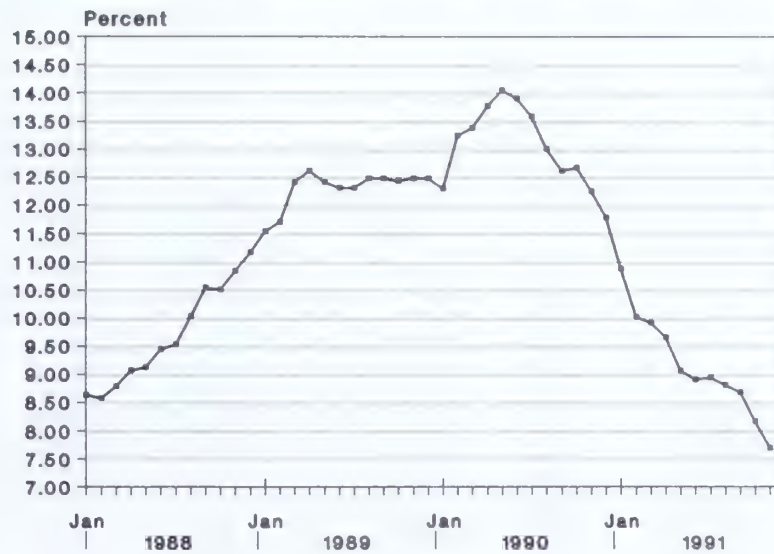
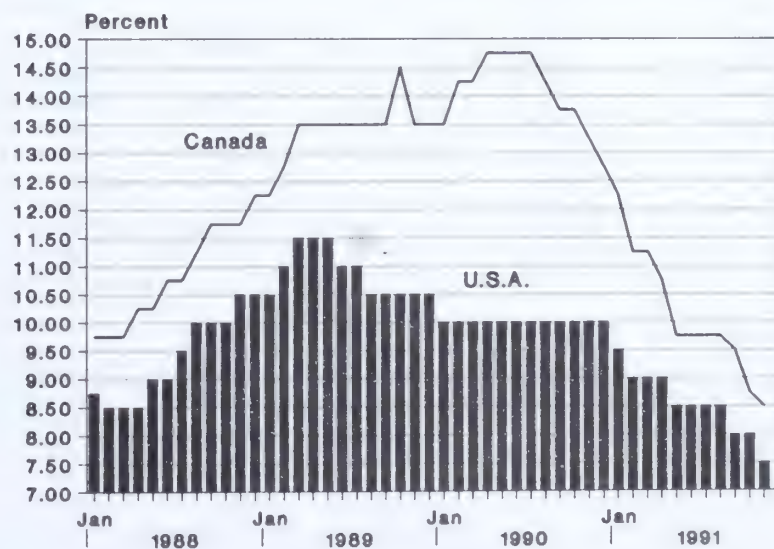


Chart 12

## Canada and U.S.A. Prime Interest Rates



## 8.1 CHARTERED BANKS IN ALBERTA BY ASSETS AND LIABILITIES

	1990				1991			
	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
(Millions of Dollars)								
<b>Assets</b>								
Deposits in Bank of Canada & Other Banks	481	532	490	612	814	575		
Total Securities	2,821	2,900	3,293	3,599	3,928	4,030		
Short-Term Loans	3	10	5	15	11	16		
Loans to Provinces & Municipalities	76	111	48	68	117	103		
Personal Loans	5,517	5,588	5,781	5,883	5,863	6,002		
Business Loans	7,067	7,222	6,989	7,118	7,964	7,774		
Agricultural Loans	2,258	2,280	2,351	2,227	2,306	2,355		
Other Loans	500	487	510	483	532	521		
Mortgages	7,978	8,428	8,652	9,189	9,665	9,768		
Items in Transit (Net)	-36	37	13	-34	5	-28		
Foreign Currency Loans & Securities	4,285	4,236	4,157	3,993	3,782	3,486		
All Other Assets	6,842	6,843	7,254	6,323	6,575	6,460		
<b>Total Assets</b>	<b>37,792</b>	<b>38,674</b>	<b>39,543</b>	<b>39,475</b>	<b>41,518</b>	<b>41,063</b>		
<b>Liabilities</b>								
Total Canadian Dollar Deposits	25,015	25,749	26,179	27,092	27,545	27,860		
Personal Savings Deposits	18,164	18,593	18,905	19,406	20,268	20,221		
Chequable	2,485	2,486	2,522	2,534	2,577	2,587		
Non-Chequable	7,475	7,609	7,578	7,661	7,667	7,539		
Fixed Term	8,205	8,498	8,806	9,211	10,024	10,095		
Non-Personal Term & Notice Deposits	4,732	5,079	5,219	5,501	5,216	5,488		
Gross Demand Deposits	2,011	2,027	2,037	2,057	1,990	2,117		
Government of Canada Deposits	108	50	17	128	70	34		
Foreign Currency Deposit Liabilities	737	834	818	865	1,023	872		
Acceptances	5,299	5,334	5,682	4,821	5,109	4,962		
Debentures Issued & Outstanding	302	311	354	389	519	528		
Appropriations for Contingencies & Shareholders' Equities	1,875	1,934	1,977	1,997	2,078	2,180		
All Other Liabilities	1,805	1,742	1,965	2,420	2,021	1,927		
<b>Total Liabilities</b>	<b>35,033</b>	<b>35,904</b>	<b>36,975</b>	<b>37,584</b>	<b>38,295</b>	<b>38,329</b>		

Source: Bank of Canada Review

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6256 \*\*

## 8.2 SELECTED INTEREST RATES, CANADA

	Bank Rate	Prime Rate	Typical Mortgage Rate		Treasury Bills		Average Bond Yield Over 10 Yrs.
			1 Year	5 Year	3 Month	6 Month	
	(Percent)						
1987	8.40	9.52	9.85	11.17	8.15	8.63	9.95
1988	9.69	10.83	10.83	11.65	9.48	9.79	10.22
1989	12.29	13.33	12.85	12.06	12.05	12.03	9.92
1990	13.05	14.06	13.40	13.35	12.81	12.76	10.85
1991	9.03	9.94	10.08	11.13	8.73	8.70	9.76
1990							
Jan	12.29	13.50	12.25	12.00	12.34	12.17	10.04
Feb	13.25	14.25	13.00	12.75	13.16	13.16	10.64
Mar	13.38	14.25	13.00	13.25	13.26	13.59	10.91
Apr	13.77	14.75	14.25	14.25	13.55	13.76	11.54
May	14.05	14.75	14.25	14.25	13.67	13.56	10.86
Jun	13.90	14.75	14.25	14.25	13.58	13.52	10.72
Jul	13.59	14.75	14.25	14.25	13.23	13.03	10.78
Aug	13.01	14.25	13.75	13.50	12.67	12.47	10.83
Sep	12.61	13.75	13.25	13.25	12.40	12.40	11.54
Oct	12.66	13.75	13.25	13.25	12.36	12.19	11.15
Nov	12.25	13.25	12.75	12.75	12.01	11.83	10.70
Dec	11.78	12.75	12.50	12.50	11.47	11.40	10.51
1991							
Jan	10.88	12.25	11.75	12.00	10.48	10.13	10.22
Feb	10.02	11.25	11.00	11.50	9.72	9.66	9.89
Mar	9.92	11.25	11.00	11.50	9.67	9.66	9.88
Apr	9.66	10.75	10.75	11.25	9.24	9.21	9.91
May	9.07	9.75	10.00	11.25	8.81	8.90	9.91
Jun	8.91	9.75	10.00	11.25	8.65	8.81	10.36
Jul	8.94	9.75	10.00	11.50	8.66	8.84	10.17
Aug	8.80	9.75	10.00	11.50	8.53	8.64	9.97
Sep	8.68	9.50	9.75	11.25	8.34	8.26	9.59
Oct	8.17	8.75	9.50	10.75	7.79	7.50	9.12
Nov	7.69	8.50	8.75	9.90	7.41	7.46	9.18
Dec	7.67	8.00	8.50	9.90	7.42	7.37	8.97

Source: Bank of Canada Review

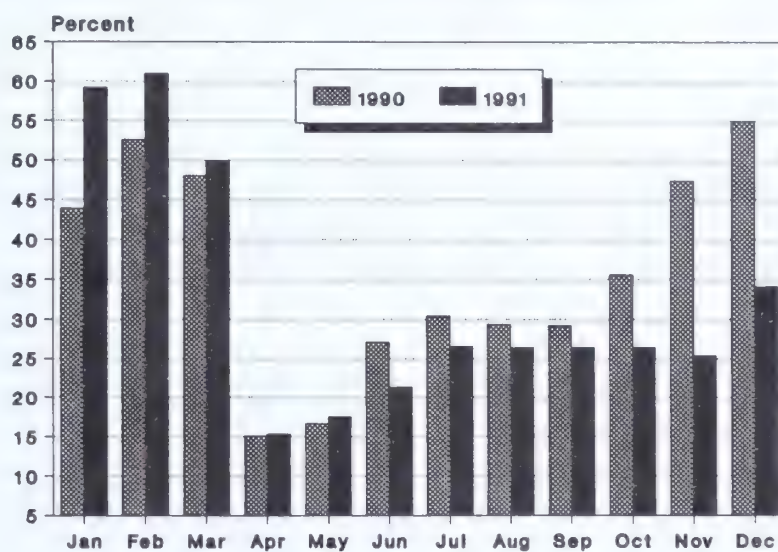
\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2560 \*\*





Chart 13

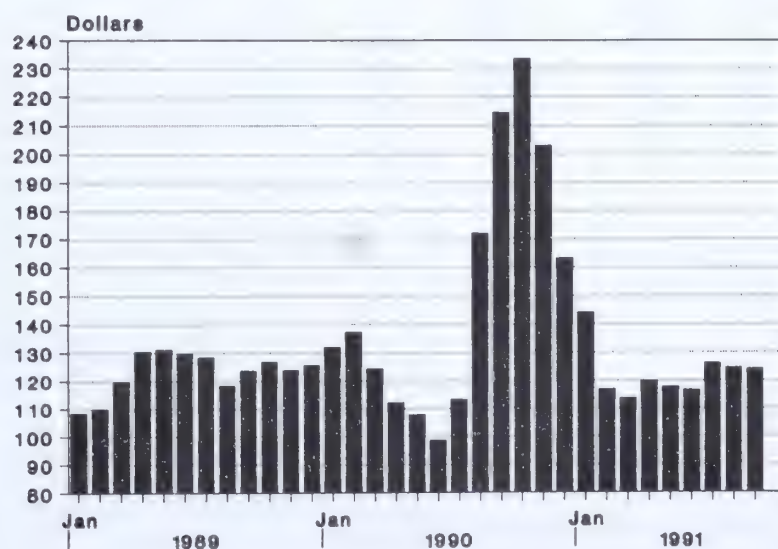
## Alberta Drilling Rig Utilization Rate\*



\*The number of rigs drilling as a percent of those available

Chart 14

## Price Per Cubic Metre of Crude Oil



## 9.1 ENERGY RESOURCES PRODUCTION SUMMARY, ALBERTA

	Natural Gas (1)	Oil (2)		Ethane (2)	Propane (2)	Butanes (2)	Natural Gas Liquids	Electric Energy (5)	Coal	Sulphur
		Total (3)	Crude Oil (4)							
	(MM Cubic Metres)			(M Cubic Metres)				(GW.H)	(M Metric Tonnes)	
1986	95,972	74,994	58,457	5,147	5,384	3,365	6,768	31,723	27,660	5,338
1987	102,162	78,451	61,834	6,453	5,905	3,702	7,551	33,689	28,798	5,418
1988	115,368	83,143	65,107	6,513	6,217	3,889	9,690	36,942	33,410	5,606
1989	116,931	80,877	62,407	6,526	6,602	3,789	9,521	39,988	35,007	5,250
1990	117,205	79,354	60,829	7,106	6,824	3,794	9,613	39,665	35,168	5,294
1990										
Jan	10,743	6,437	5,298	621	601	330	802	3,680	2,993	455
Feb	9,485	5,888	4,760	548	525	327	760	3,197	2,830	396
Mar	10,006	6,932	5,269	646	587	348	871	3,296	3,127	463
Apr	9,529	6,504	4,826	573	547	329	820	3,055	2,979	455
May	9,499	6,372	4,835	570	527	309	783	3,099	2,806	410
Jun	8,789	6,286	4,911	514	541	277	778	3,110	2,623	339
Jul	9,313	6,818	5,165	574	600	265	782	3,196	2,356	434
Aug	9,159	6,856	5,222	557	574	312	719	3,200	2,885	457
Sep	8,878	6,520	5,009	506	486	262	729	3,117	2,941	425
Oct	10,178	7,088	5,275	650	594	335	911	3,472	3,228	477
Nov	10,241	6,777	5,079	654	621	338	819	3,457	3,237	467
Dec	11,386	6,877	5,181	692	622	362	838	3,787	3,163	515
1991 (p)										
Jan	11,335	6,832	5,176	685	605	353	826	3,755	3,105	518
Feb	9,670	6,350	4,779	655	542	326	744	3,127	2,825	474
Mar	10,668	6,717	5,068	688	606	354	843	3,542	3,116	510
Apr	9,998	6,086	4,785	635	560	328	783	3,188	2,973	460
May	9,484	6,462	4,867	546	528	312	746	3,238	2,922	376
Jun	8,990	6,410	4,757	598	498	343	661	3,162	2,858	439
Jul	9,006	6,718	4,995	580	532	310	737	3,226	2,585	448
Aug	9,206	6,765	4,994	526	552	302	713	3,350	2,904	449
Sep	9,331	6,381	4,839	583	553	331	770	3,345	3,132	432
Oct										
Nov										
Dec										

Source: Alberta Energy Resources Conservation Board

- (1) Raw gas production.
- (2) Net production.
- (3) Includes synthetic crude oil condensate and pentanes plus.
- (4) Includes crude bitumen.
- (5) Net generation (includes industrial on-site generation).

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6227-6234 \*\*

## 9.2 DRILLING ACTIVITY, ALBERTA

	No. of Wells Drilled			Metres Drilled			Rig Activity*	
	Development	Exploration	Total (1)	Development	Exploration	Total (1)	Drilling	Available
(M Metres)								
1986	2,690	1,561	4,509	3,763	2,000	5,847	159	457
1987	3,067	1,865	5,182	4,170	2,469	6,736	168	461
1988	4,022	2,260	6,617	4,980	2,806	7,887	189	455
1989	1,869	2,000	4,142	2,605	2,320	4,975	125	415
1990	1,956	2,186	4,307	2,802	2,321	5,173	135	376
1990								
Jan	138	193	352	191	201	402	171	388
Feb	140	210	356	175	240	418	199	378
Mar	145	265	417	225	312	540	181	377
Apr	47	66	113	99	81	180	58	384
May	83	105	190	125	96	222	63	379
Jun	139	175	316	211	168	380	102	376
Jul	174	157	332	231	170	402	116	381
Aug	141	148	289	216	160	376	108	369
Sep	156	154	312	224	154	381	107	366
Oct	262	160	423	292	163	456	132	371
Nov	153	168	323	252	142	396	176	371
Dec	217	222	440	322	228	486	204	372
1991 (p)								
Jan	203	208	412	266	220	486	216	365
Feb	176	205	381	233	214	447	217	356
Mar	215	193	412	276	245	523	178	357
Apr	78	45	123	98	68	166	55	360
May	115	74	189	139	72	211	63	360
Jun	156	107	264	190	114	305	77	361
Jul	156	148	311	213	153	370	94	353
Aug	154	132	293	213	128	343	92	349
Sep	157	115	272	214	117	331	93	353
Oct							92	348
Nov							88	347
Dec							118	346

Sources: Alberta Energy Resources Conservation Board

\* Canadian Association of Oilwell Drilling Contractors

(1) Includes Other.

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6235 \*\*

### 9.3 DISPOSITION OF NATURAL GAS, ALBERTA (MM CUBIC METRES)

	Deliveries (1)	\$ Per Thousand Cubic Metre*	Deliveries to:					
			Alberta	% of Total	Other Provinces	% of Total	United States	% of Total
1986	62,543	78.72	15,109	24.2	27,416	43.8	18,236	29.2
1987	67,141	63.19	14,541	21.7	25,763	38.4	24,979	37.2
1988	77,929	58.78	16,679	21.4	26,616	34.2	32,694	42.0
1989	79,902	57.95	17,527	21.9	26,948	33.7	33,367	41.8
1990	81,200	58.89	17,340	21.4	25,909	31.9	35,706	44.0
1990								
Jan	7,859	61.24	1,887	24.0	2,478	31.5	3,284	41.8
Feb	6,850	61.99	1,699	24.8	2,259	33.0	2,747	40.1
Mar	6,917	60.10	1,653	23.9	2,391	34.6	2,629	38.0
Apr	6,519	57.83	1,445	22.2	2,268	34.8	2,642	40.5
May	6,580	58.59	1,213	18.4	2,230	33.9	2,956	44.9
Jun	5,778	56.70	1,006	17.4	1,871	32.4	2,750	47.6
Jul	6,160	56.70	1,079	17.5	2,018	32.8	2,882	46.8
Aug	6,003	55.94	1,054	17.6	1,906	31.8	2,884	48.0
Sep	5,941	55.94	1,092	18.4	1,761	29.6	2,921	49.2
Oct	6,983	57.46	1,461	20.9	1,927	27.6	3,383	48.4
Nov	7,247	59.72	1,760	24.3	2,179	30.1	3,101	42.8
Dec	8,365	61.99	1,992	23.8	2,622	31.3	3,528	42.2
1991 (p)								
Jan	8,648	61.99	2,084	24.1	2,755	31.9	3,612	41.8
Feb	6,802	60.10	1,497	22.0	2,058	30.3	2,941	43.2
Mar	7,561	56.32	1,715	22.7	2,237	29.6	3,378	44.7
Apr	6,712	53.68	1,322	19.7	1,907	28.4	3,305	49.2
May	6,475	52.16	1,201	18.5	1,992	30.8	3,123	48.2
Jun	6,143	49.14	1,029	16.8	1,910	31.1	2,990	48.7
Jul	5,828	47.25	817	14.0	1,729	29.7	3,075	52.8
Aug	5,968	44.60	981	16.4	1,881	31.5	2,906	48.7
Sep	6,192	44.60	1,122	18.1	1,779	28.7	3,123	50.4
Oct								
Nov								
Dec								

Source: Alberta Energy Resources Conservation Board

(1) Total deliveries include amounts used as fuel, losses and metering differences in interprovincial pipelines.

Note: Some figures may not add due to revisions and to the rounding process.

\* Prices are intended to be averages which reflect general trends within the industry only.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6227 \*\*



## 9.4 DISPOSITION OF CRUDE OIL AND EQUIVALENT (1), ALBERTA (M CUBIC METRES)

	Total Deliveries (2)	\$ Per Cubic Metre*	Deliveries to:					
			Alberta	% of Total	Other Provinces	% of Total	United States	% of Total
1986	74,847	115.77	16,804	22.5	32,616	43.6	24,879	33.2
1987	77,574	139.11	17,657	22.8	32,697	42.1	26,441	34.1
1988	83,847	100.97	18,533	22.1	33,348	39.8	30,897	36.8
1989	80,842	123.05	19,332	23.9	31,693	39.2	29,168	36.1
1990	79,338	151.85	19,314	24.3	29,515	37.2	29,824	37.6
1990								
Jan	6,638	131.87	1,552	23.4	2,735	41.2	2,254	34.0
Feb	5,822	137.21	1,464	25.1	2,283	39.2	2,001	34.4
Mar	6,908	124.29	1,928	27.9	2,554	37.0	2,313	33.5
Apr	5,937	111.91	1,554	26.2	2,067	34.8	2,307	38.9
May	6,628	107.58	1,395	21.0	2,437	36.8	2,732	41.2
Jun	6,379	98.62	1,564	24.5	2,233	35.0	2,557	40.1
Jul	6,819	113.22	1,605	23.5	2,616	38.4	2,584	37.9
Aug	7,319	172.02	1,875	25.6	2,796	38.2	2,606	35.6
Sep	6,541	214.03	1,508	23.1	2,470	37.8	2,552	39.0
Oct	6,753	233.37	1,832	27.1	2,469	36.6	2,426	35.9
Nov	6,697	202.79	1,549	23.1	2,337	34.9	2,707	40.4
Dec	6,895	163.14	1,489	21.6	2,519	36.5	2,788	40.4
1991 (p)								
Jan	6,940	144.04	1,514	21.8	2,170	31.3	3,043	43.8
Feb	6,569	116.72	1,355	20.6	1,973	30.0	3,096	47.1
Mar	6,571	113.64	1,421	21.6	2,130	32.4	2,908	44.3
Apr	6,373	119.72	1,423	22.3	2,002	31.4	2,849	44.7
May	6,731	117.72	1,394	20.7	2,273	33.8	3,010	44.7
Jun	6,445	116.58	1,447	22.5	2,326	36.1	2,660	41.3
Jul	6,276	126.00	1,665	26.5	2,342	37.3	2,270	36.2
Aug	6,908	124.36	1,763	25.5	2,339	33.9	2,725	39.4
Sep	6,388	123.95	1,447	22.7	2,292	35.9	2,454	38.4
Oct								
Nov								
Dec								

Source: Alberta Energy Resources Conservation Board

(1) Includes condensate, synthetic crude oil and pentanes plus.

(2) Total deliveries include losses and adjustments in interprovincial pipelines.

Note: Some figures may not add due to revisions and to the rounding process.

\* Prices are intended to be averages which reflect general trends within the industry only.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6228 \*\*

## 9.5 DISPOSITION OF COAL, ALBERTA (M METRIC TONNES)

	Sub-Bituminous			Bituminous				
	Total Deliveries	Deliveries to:		Total Deliveries	Deliveries to:			
		Alberta	Other Areas		Alberta	Other Provinces	Other Countries	Ex-Alberta Port & Other (1)
1986	17,330	17,328	2	7,624	513	1,405	5,608	98
1987	18,536	18,535	2	7,182	364	1,748	5,179	-109
1988	19,919	19,908	11	9,513	352	1,867	7,104	190
1989	20,918	20,916	1	9,918	537	2,172	7,448	-239
1990	21,189	21,188	1	9,220	473	1,819	6,941	-12
1990								
Jan	1,975	1,974	—	838	51	134	474	179
Feb	1,789	1,789	—	649	63	127	653	-194
Mar	1,714	1,714	—	835	34	181	665	-44
Apr	1,630	1,630	—	892	26	192	692	-18
May	1,733	1,733	—	810	24	192	380	213
Jun	1,562	1,562	—	646	20	174	545	-93
Jul	1,705	1,705	—	770	7	162	734	-133
Aug	1,675	1,675	—	779	33	118	437	191
Sep	1,637	1,637	—	837	58	180	752	-152
Oct	1,856	1,856	—	880	62	197	691	-70
Nov	1,833	1,833	—	717	44	135	382	157
Dec	2,080	2,080	—	566	52	28	535	-49
1991 (p)								
Jan	2,106	2,106	—	691	60	96	627	-91
Feb	1,831	1,830	—	813	90	90	716	-83
Mar	1,919	1,919	—	970	82	201	588	99
Apr	1,739	1,739	—	928	22	149	767	-10
May	1,854	1,854	—	977	50	193	609	125
Jun	1,685	1,685	—	897	33	149	770	-54
Jul	1,702	1,702	—	798	26	176	681	-85
Aug	1,790	1,790	—	814	42	129	547	95
Sep	1,759	1,759	—	801	30	147	840	-216
Oct								
Nov								
Dec								

Source: Alberta Energy Resources Conservation Board

(1) Includes losses and adjustments.

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6229 \*\*

## 9.6 DISPOSITION OF ELECTRICAL ENERGY, ALBERTA (GW.H)

	Net Generation (1)	Interprovincial Interchange		Total Available Energy	Deliveries to:				
		Received From Out of Province	Delivered Out of Province		Total	Farm	Resi- dential	Commercial	Industrial
1986	31,723	528	-629	31,590	28,614	1,403	5,346	9,326	12,540
1987	33,689	380	-858	33,181	29,940	1,406	5,299	9,593	13,642
1988	36,942	372	-1,238	36,076	32,662	1,530	5,546	10,132	15,454
1989	39,988	236	-2,526	37,697	33,982	1,600	5,788	10,397	16,196
1990	39,665	468	-1,284	38,849	35,314	1,639	5,889	10,712	17,074
1990									
Jan	3,680	9	-281	3,407	3,128	136	640	938	1,414
Feb	3,197	18	-123	3,092	2,918	122	562	907	1,328
Mar	3,296	44	-98	3,242	3,002	166	538	903	1,395
Apr	3,055	35	-78	3,012	2,841	128	462	839	1,412
May	3,099	78	-89	3,088	2,802	124	461	859	1,357
Jun	3,110	25	-87	3,049	2,798	139	455	881	1,324
Jul	3,196	54	-46	3,204	2,889	170	433	916	1,370
Aug	3,200	50	-24	3,226	2,905	95	438	941	1,431
Sep	3,117	31	-70	3,079	2,853	122	436	907	1,388
Oct	3,472	36	-159	3,348	2,928	96	437	874	1,521
Nov	3,457	46	-88	3,414	3,116	196	493	905	1,523
Dec	3,787	41	-140	3,688	3,134	146	533	842	1,613
1991 (p)									
Jan	3,755	23	-111	3,667	3,441	137	728	1,038	1,538
Feb	3,127	79	-42	3,163	3,118	139	580	894	1,505
Mar	3,542	54	-122	3,475	3,117	175	516	898	1,528
Apr	3,188	49	-54	3,183	3,080	127	491	892	1,571
May	3,238	73	-29	3,283	2,986	126	461	869	1,529
Jun	3,162	37	-45	3,154	2,924	128	432	884	1,481
Jul	3,226	143	-9	3,360	3,029	145	444	918	1,522
Aug	3,350	81	-23	3,408	3,126	102	446	972	1,606
Sep	3,345	31	-112	3,264	3,035	113	444	939	1,539
Oct									
Nov									
Dec									

Source: Alberta Energy Resources Conservation Board

(1) Includes industrial on-site generation.

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6226 \*\*

## 9.7 VALUE OF MINERAL PRODUCTION, CANADA AND PROVINCES

	1986	1987	1988	1989	1990(p)
(Millions of Dollars)					
Canada	32,446	36,361	36,955	39,259	41,305
Newfoundland	817	743	865	896	862
Prince Edward Island	2	3	2	2	3
Nova Scotia	367	407	446	442	452
New Brunswick	502	624	911	864	886
Quebec	2,191	2,781	2,712	2,856	2,968
Ontario	4,825	5,652	6,895	7,257	6,420
Manitoba	764	1,000	1,627	1,668	1,330
Saskatchewan	2,525	3,151	3,043	3,011	3,230
Alberta	16,331	17,080	15,062	16,456	19,339
British Columbia	3,160	3,615	3,943	4,123	4,108
Yukon	176	437	492	534	541
Northwest Territories	788	870	957	1,149	1,168

Source: Statistics Canada, Catalogue No.'s 26-201 and 26-202

## 9.8 VALUE OF MINERAL PRODUCTION, ALBERTA

	1986	1987	1988	1989	1990(p)
(Thousands of Dollars)					
Fuels	15,216,266	16,270,690	14,296,414	15,750,483	18,716,834
Coal	445,579	389,650	458,850	500,320	485,800
Natural Gas (1)	5,048,927	4,021,746	4,584,528	4,624,671	4,716,450
Natural Gas By-Products	1,743,605	1,808,971	1,542,377	1,570,206	2,120,225
Petroleum, Crude	7,978,155	10,050,323	7,710,659	9,055,286	11,394,359
Non-Metals	839,483	519,076	453,201	413,770	348,017
Peat Moss	13,930	15,221	15,150	18,626	13,129
Quartz (2)	3,355	4,069	..	..	..
Salt	14,216	17,385	15,865	17,189	16,085
Sodium Sulphate	3,974	3,031	2,685	3,167	3,563
Sulphur, Elemental	803,995	479,370	419,500	374,786	315,239
Structural Materials	274,239	289,379	311,968	291,218	269,508
Clay Products	10,158	14,183	X	X	X
Cement	113,371	116,947	X	X	X
Lime	16,196	19,194	17,230	16,379	18,706
Sand and Gravel (2)	133,199	137,523	142,178	145,072	131,498
Stone	1,315	1,532	2,774	3,619	3,914
Metals	594	825	472	359	4,303
Total (3)	16,330,582	17,079,970	15,062,056	16,455,830	19,338,662

Source: Statistics Canada, Catalogue No.'s 26-201 and 26-202

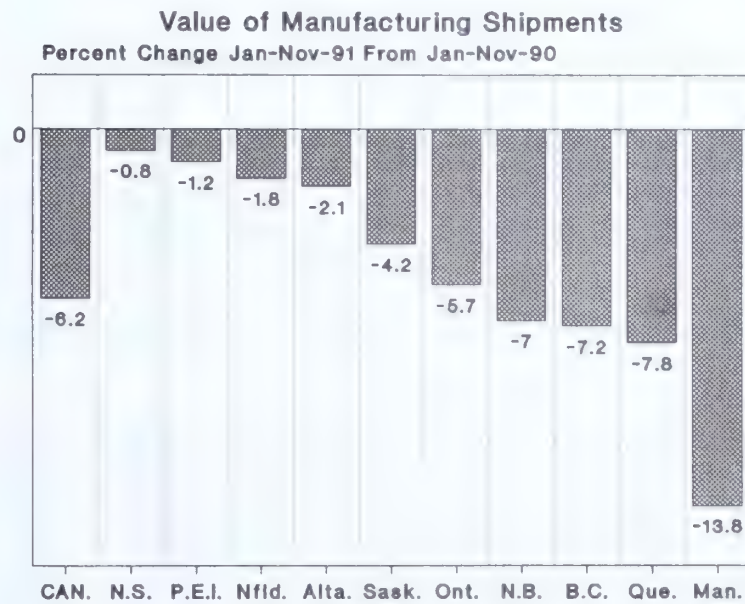
(1) Net withdrawals less shrinkage.

(2) Beginning 1988, Quartz is included with Sand and Gravel.

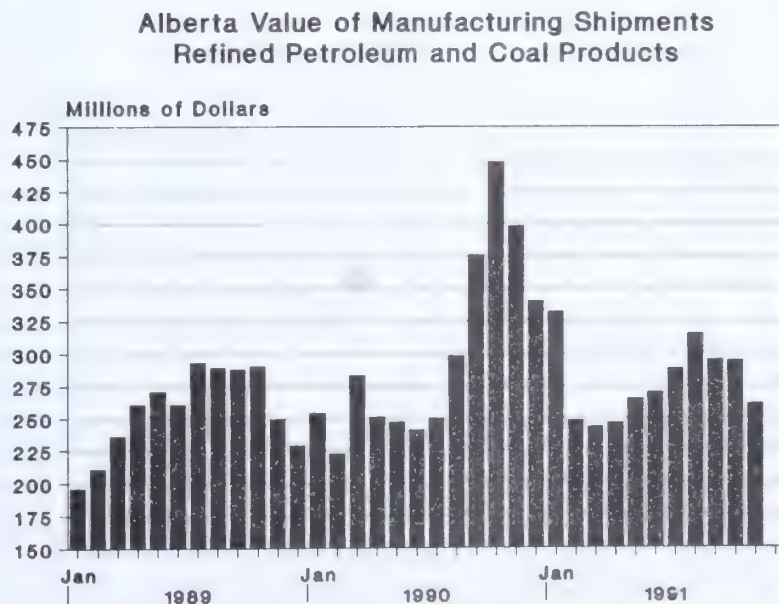
(3) May include other minerals.



**Chart 15**



**Chart 16**



# 10.1 VALUE OF MANUFACTURING SHIPMENTS, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Millions of Dollars)											
1986	253,343	1,401	325	4,647	4,897	61,057	136,873	5,661	3,032	15,165	20,240
1987	272,037	1,655	363	4,766	5,640	66,531	143,713	6,229	3,286	16,424	23,374
1988	298,254	1,731	391	5,464	5,636	73,687	157,593	6,686	3,380	18,113	25,516
1989	307,106	1,556	404	5,759	6,091	76,692	161,198	7,221	3,598	18,394	26,127
1990	294,061	1,494	458	6,015	6,145	72,940	152,872	6,987	3,592	18,952	24,538
% Change 1990/89	-4.2	-4.0	13.4	4.4	0.9	-4.9	-5.2	-3.2	-0.2	3.0	-6.1
1990											
Jan	22,724	106	26	511	503	5,553	11,787	549	262	1,432	1,993
Feb	23,226	103	25	440	473	5,762	12,304	540	268	1,361	1,945
Mar	26,418	134	29	509	518	6,336	14,128	631	290	1,575	2,264
Apr	24,494	115	27	448	493	5,905	13,000	588	318	1,547	2,049
May	26,872	118	53	486	530	6,481	14,301	653	359	1,654	2,233
Jun	26,338	136	56	508	511	6,487	13,873	620	329	1,611	2,202
Jul	22,601	134	45	474	498	5,622	11,400	537	296	1,522	2,064
Aug	24,278	153	50	451	547	6,228	12,282	580	316	1,586	2,076
Sep	24,682	135	47	502	510	6,375	12,629	579	299	1,627	1,970
Oct	26,715	116	40	569	560	6,668	13,966	606	305	1,789	2,089
Nov	24,359	116	31	543	512	6,112	12,614	567	284	1,708	1,869
Dec	21,354	129	27	575	492	5,411	10,589	537	266	1,539	1,784
1991 (r)											
Jan	21,544	102	26	549	531	5,296	10,946	470	281	1,584	1,755
Feb	20,950	101	25	467	445	5,251	10,781	463	255	1,406	1,752
Mar	22,990	120	27	539	475	5,769	11,870	505	287	1,482	1,912
Apr	23,526	103	25	453	453	5,720	12,459	518	314	1,562	1,915
May	25,065	116	59	490	518	5,927	13,290	545	344	1,684	2,088
Jun	24,451	126	56	487	530	5,839	12,902	537	303	1,586	2,076
Jul	21,560	139	48	491	474	5,240	10,850	486	280	1,555	1,990
Aug	23,179	156	41	459	491	5,770	11,928	498	287	1,602	1,940
Sep	24,221	136	41	465	447	5,836	13,058	522	281	1,541	1,886
Oct	24,964	118	40	500	453	5,943	13,555	530	285	1,579	1,957
Nov	23,337	124	36	497	440	5,659	12,509	489	269	1,470	1,841
Dec											
YTD 1991	255,787	1,341	424	5,397	5,257	62,250	134,148	5,563	3,186	17,051	21,112
% Change YTD 1991/90	-6.2	-1.8	-1.2	-0.8	-7.0	-7.8	-5.7	-13.8	-4.2	-2.1	-7.2

Source: Statistics Canada, Catalogue No. 31-001

(1) Includes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 9550 AND 9570-9579 \*\*

YTD refers to Year-to-Date total.

## 10.2 VALUE OF MANUFACTURING SHIPMENTS BY INDUSTRY, ALBERTA

	Total (1)	Food Industries	Beverage Industries	Furniture & Fixture Industries	Wood Industries	Paper & Allied Products Industries	Printing, Publishing & Allied Industries
(Thousands of Dollars)							
1986	15,164,579	3,406,318	362,060	133,643	640,419	453,067	627,432
1987	16,424,184	3,893,997	374,680	165,075	729,947	534,642	641,824
1988	18,112,966	4,113,129	417,468	221,411	797,722	631,024	733,872
1989	18,393,861	3,979,987	388,482	266,143	877,836	641,630	750,989
1990	18,952,317	4,186,004	330,788	233,736	929,928	702,333	770,769
1990							
Jan	1,431,772	316,291	23,313	18,607	71,885	59,253	63,320
Feb	1,361,481	291,182	25,064	21,028	70,519	50,276	61,657
Mar	1,575,302	331,668	31,233	21,622	80,961	54,944	70,477
Apr	1,546,640	328,927	27,403	24,747	82,438	58,149	65,917
May	1,654,314	382,492	29,761	20,310	90,962	61,657	69,708
Jun	1,611,010	383,910	30,782	19,636	87,239	69,090	62,878
Jul	1,522,284	360,748	31,961	17,450	82,837	61,727	57,845
Aug	1,586,036	357,643	29,108	19,770	80,440	57,240	62,088
Sep	1,626,551	346,326	25,194	18,179	76,920	53,991	58,134
Oct	1,789,487	370,286	25,226	19,704	81,639	56,981	68,520
Nov	1,708,213	367,740	26,939	17,429	68,717	63,191	68,515
Dec	1,539,227	348,791	24,804	15,254	55,371	55,834	61,710
1991 (r)							
Jan	1,583,939	358,526	22,100	18,781	58,697	60,256	57,017
Feb	1,405,501	322,824	23,151	17,004	53,947	62,128	57,873
Mar	1,482,174	363,284	24,445	19,236	57,575	53,283	72,096
Apr	1,561,801	345,178	28,684	20,321	66,679	73,847	65,167
May	1,684,006	377,882	30,081	18,637	82,041	87,448	64,708
Jun	1,586,374	345,157	33,275	17,969	84,834	77,373	63,153
Jul	1,555,451	345,793	35,440	16,625	74,671	75,009	52,714
Aug	1,601,560	328,690	33,873	16,220	74,552	75,635	59,338
Sep	1,540,791	317,981	27,274	20,462	68,484	75,825	59,811
Oct	1,578,605	320,340	28,715	19,782	71,565	73,270	62,299
Nov	1,469,882	313,285	28,891	19,457	69,942	70,869	63,279
Dec							

Note: Data are based on the 1980 Standard Industrial Classification (SIC).

(1) Total includes estimates for several industry groups which cannot be shown separately due to confidentiality provisions of the Statistics Act.

Continued.....



## 10.2 (CONCLUDED) VALUE OF MANUFACTURING SHIPMENTS BY INDUSTRY, ALBERTA

	Primary Metal Industries	Fabricated Metal Products Industries	Machinery Industries (2)	Non-Metallic Mineral Products Industries	Refined Petroleum & Coal Products Industries	Chemical & Chemical Products Industries	Other Manufacturing Industries
(Thousands of Dollars)							
1986	719,447	804,723	X	583,444	3,118,594	2,555,431	192,595
1987	761,805	794,146	599,815	602,452	3,393,711	2,741,998	185,461
1988	1,089,676	956,635	761,426	629,699	2,876,368	3,445,591	229,942
1989	1,087,400	1,045,130	690,070	587,760	3,072,987	3,432,850	234,342
1990	872,391	1,036,758	705,737	622,825	3,607,773	3,258,959	258,654
1990							
Jan	84,310	71,311	47,188	38,722	254,111	251,446	20,624
Feb	78,177	77,015	56,244	33,598	222,521	243,411	19,057
Mar	77,514	90,823	64,002	45,290	282,914	270,248	23,182
Apr	68,004	87,834	63,901	45,270	251,499	296,658	20,002
May	88,723	94,453	65,901	56,876	246,740	308,903	21,162
Jun	68,413	89,202	57,153	59,988	240,630	285,697	21,101
Jul	63,780	88,506	55,245	65,571	249,998	248,725	20,244
Aug	65,068	93,082	52,186	67,234	297,562	267,185	21,211
Sep	65,586	84,193	57,957	65,630	376,159	256,182	22,569
Oct	71,127	89,106	56,233	66,889	447,632	289,997	23,146
Nov	72,963	98,783	61,046	45,911	397,833	274,921	24,751
Dec	68,726	72,450	68,681	31,846	340,174	265,586	21,605
1991 (r)							
Jan	90,631	71,035	65,688	33,970	332,222	277,123	23,179
Feb	71,826	71,935	62,652	30,968	248,074	244,104	21,436
Mar	85,898	73,010	65,661	32,830	242,642	246,103	21,979
Apr	81,676	90,961	59,854	41,559	245,805	291,839	22,712
May	89,169	87,150	59,678	48,584	265,203	306,914	23,080
Jun	81,392	88,329	62,051	53,971	270,429	256,263	22,125
Jul	73,658	88,034	50,745	61,752	287,569	249,844	21,962
Aug	77,824	99,675	53,906	61,018	315,384	248,153	24,726
Sep	75,967	82,105	53,159	61,702	295,214	247,032	24,848
Oct	86,149	79,166	67,221	58,880	294,139	260,030	21,470
Nov	78,946	73,306	50,498	46,829	261,192	240,243	24,852
Dec							

Source: Statistics Canada, Catalogue No. 31-001

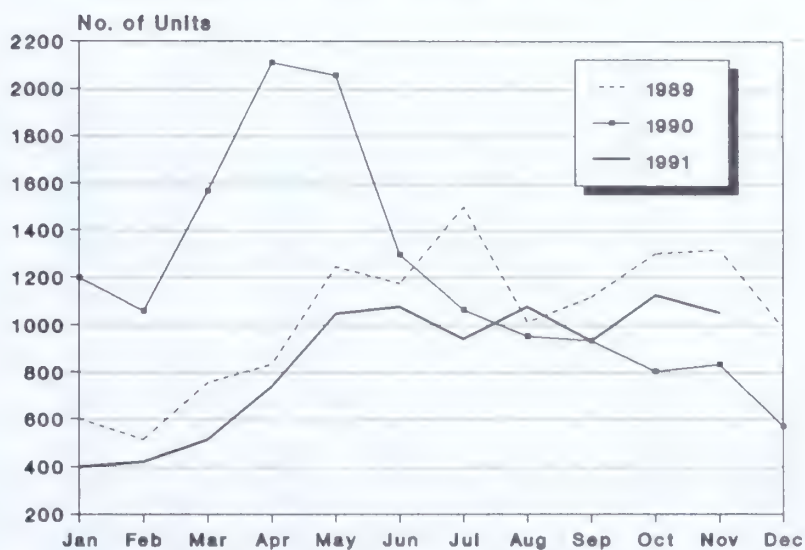
(2) Excludes Electrical Machinery.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 9578 \*\*



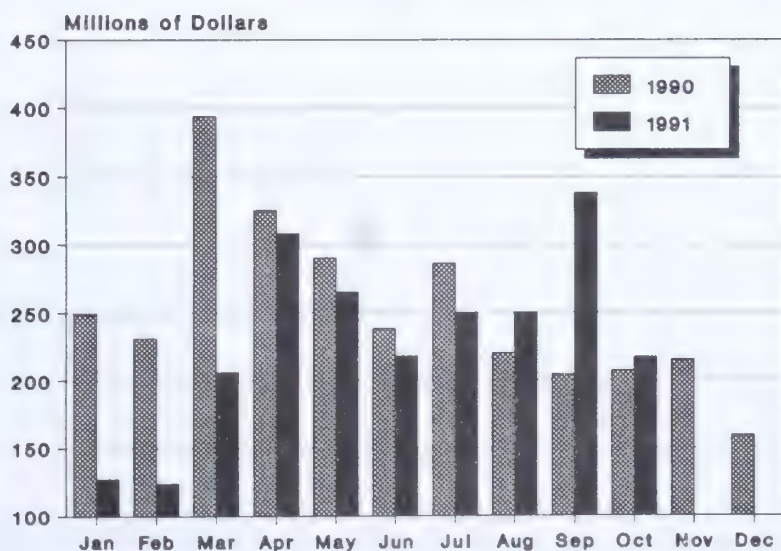
**Chart 17**

## Alberta Urban Housing Starts



**Chart 18**

## Value of Alberta Building Permits



# 11.1 VALUE OF CONSTRUCTION WORK PURCHASED, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.*
(Millions of Dollars)											
<b>New</b>											
1987	69,920	1,310	235	1,743	1,404	16,153	27,300	2,392	2,824	8,877	7,683
1988	77,353	1,296	288	1,888	1,520	17,581	30,304	2,521	3,103	10,137	8,716
1989	85,347	1,404	295	2,004	1,582	18,122	35,180	2,403	2,738	10,460	11,159
1990 (p)	86,274	1,419	293	2,236	1,744	18,876	32,148	2,569	3,026	11,745	12,220
1991 (i)	87,708	2,077	309	2,210	1,799	19,502	32,366	2,528	3,212	12,146	11,558
<b>Repair</b>											
1987	12,051	230	47	486	267	2,647	3,797	568	562	1,613	1,834
1988	13,518	251	65	527	291	2,984	4,428	618	657	1,651	2,048
1989	15,065	254	67	554	314	3,428	5,083	680	692	1,725	2,270
1990 (p)	15,584	255	67	551	365	3,610	5,366	634	690	1,792	2,253
1991 (i)	16,090	263	66	570	371	3,736	5,552	658	716	1,819	2,339
<b>Total</b>											
1987	81,971	1,540	282	2,228	1,671	18,800	31,097	2,960	3,386	10,490	9,517
1988	90,871	1,546	352	2,415	1,811	20,565	34,731	3,138	3,761	11,787	10,764
1989	100,412	1,659	362	2,558	1,896	21,549	40,263	3,082	3,431	12,185	13,428
1990 (p)	101,858	1,674	360	2,787	2,109	22,485	37,514	3,202	3,717	13,537	14,473
1991 (i)	103,798	2,341	376	2,780	2,170	23,238	37,917	3,186	3,928	13,965	13,897
<b>% Change</b>											
1991/90	1.9	39.8	4.4	-0.3	2.9	3.3	1.1	-0.5	5.7	3.2	-4.0

Source: Statistics Canada, Catalogue No. 64-201

\* Includes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 3721 AND 3745-3772 \*\*

## 11.2 DWELLING STARTS, COMPLETIONS AND UNDER CONSTRUCTION, ALL AREAS, CANADA AND PROVINCES

		Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		(Units)										
<b>Starts</b>												
1986		199,785	2,883	1,110	7,571	4,045	60,348	81,470	7,699	5,510	8,462	20,687
1987		245,986	2,682	933	6,460	3,716	74,179	105,213	8,174	4,895	10,790	28,944
1988		222,562	3,168	1,151	5,478	3,621	58,062	99,924	5,455	3,856	11,360	30,487
1989		215,382	3,536	815	5,359	3,681	49,058	93,337	4,084	1,906	14,712	38,894
1990		181,630	3,245	762	5,560	2,683	48,070	62,649	3,297	1,417	17,227	36,720
1990	Jan-Mar	39,811	296	82	609	245	8,134	15,436	710	224	4,156	9,919
	Apr-Jun	62,346	858	141	1,682	1,004	18,710	19,835	996	538	6,376	12,206
	Jul-Sep	44,103	1,044	280	1,752	809	10,256	16,557	1,024	452	3,604	8,325
	Oct-Dec	35,370	1,047	259	1,517	625	10,970	10,821	567	203	3,091	6,270
1991	Jan-Mar	17,815	147	25	770	199	4,754	6,021	333	154	1,520	3,892
	Apr-Jun	46,495	790	265	1,303	676	15,747	14,446	365	299	3,828	8,776
	Jul-Sep	48,460	1,183	146	1,884	1,197	10,904	18,852	841	328	3,510	9,615
	Oct-Dec											
<b>Completions</b>												
1986		184,605	2,400	1,176	7,571	4,504	56,984	69,567	7,341	5,072	9,172	20,818
1987		217,976	2,836	943	6,488	3,944	68,949	88,609	7,627	5,640	9,334	23,606
1988		216,532	3,220	993	5,793	3,798	65,224	88,727	5,621	4,352	11,201	27,603
1989		217,371	3,783	927	4,904	3,383	50,855	99,817	6,461	2,743	12,763	31,735
1990		206,163	3,127	683	5,477	2,959	52,630	80,562	4,028	1,575	17,467	37,655
1990	Jan-Mar	45,979	848	112	1,324	970	7,507	22,079	810	465	3,451	8,413
	Apr-Jun	51,193	872	224	972	319	14,572	18,498	1,075	356	4,533	9,772
	Jul-Sep	58,261	667	221	1,415	834	18,737	20,018	932	372	5,316	9,749
	Oct-Dec	50,730	740	126	1,766	836	11,814	19,967	1,211	382	4,167	9,721
1991	Jan-Mar	35,942	730	180	957	590	6,093	15,867	622	430	2,790	7,683
	Apr-Jun	36,487	616	139	1,089	524	10,268	13,288	384	259	2,734	7,186
	Jul-Sep	45,153	731	184	1,361	744	16,219	13,983	620	316	4,079	6,916
	Oct-Dec											
<b>Under Construction</b>												
1986		101,440	3,823	362	3,435	1,770	24,531	48,625	4,178	3,255	2,913	8,548
1987		127,747	3,631	338	3,283	1,524	28,974	64,458	4,765	2,457	4,331	13,986
1988		131,452	3,491	497	2,915	1,317	21,372	74,465	4,409	1,885	4,407	16,694
1989		127,563	3,168	380	3,364	1,638	19,527	66,695	2,032	979	6,297	23,483
1990		100,672	3,204	463	3,376	1,359	14,719	47,808	1,316	809	5,973	21,645
1990	Jan-Mar	120,565	2,568	350	2,648	904	20,061	59,805	1,932	738	6,997	24,562
	Apr-Jun	130,992	2,552	269	3,357	1,600	24,191	60,617	1,868	924	8,826	26,788
	Jul-Sep	116,260	2,903	329	3,693	1,572	15,600	56,932	1,960	989	7,099	25,183
	Oct-Dec	100,672	3,204	463	3,376	1,359	14,719	47,808	1,316	809	5,973	21,645
1991	Jan-Mar	81,988	2,679	307	3,183	951	12,986	37,911	1,027	531	4,748	17,665
	Apr-Jun	91,816	2,850	423	3,377	1,111	18,337	39,054	1,008	606	5,824	19,226
	Jul-Sep	94,704	3,302	384	3,887	1,564	12,639	43,885	1,230	613	5,242	21,958
	Oct-Dec											

Source: Canada Mortgage and Housing Corporation

(1) Excludes Yukon and N.W.T.

Note: Under Construction annual data are as of Oct-Dec for the reference year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 23 \*\*

### 11.3 DWELLING STARTS, CENTRES 10,000 POPULATION AND OVER, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Units)											
1986	170,863	1,477	688	5,210	2,578	52,663	71,913	6,588	4,496	6,383	18,867
1987	215,340	1,448	615	4,519	2,309	66,757	93,900	6,900	3,999	8,432	26,461
1988	189,635	1,710	781	3,670	2,433	50,581	86,944	4,448	2,980	9,212	26,876
1989	183,323	2,152	632	3,885	2,199	41,859	81,026	3,147	1,435	12,345	34,643
1990	150,620	1,884	560	3,650	1,730	40,249	53,341	2,274	994	14,432	31,506
% Change 1990/89	-17.8	-12.5	-11.4	-6.0	-21.3	-3.8	-34.2	-27.7	-30.7	16.9	-9.1
1990											
Jan	13,063	60	26	181	26	2,437	6,192	260	46	1,198	2,637
Feb	10,178	20	18	82	60	2,239	3,149	124	36	1,057	3,393
Mar	12,963	43	22	52	99	2,959	4,901	187	82	1,564	3,054
Apr	16,133	69	27	433	152	3,912	4,983	195	143	2,110	4,109
May	19,088	251	40	252	168	5,400	6,577	305	174	2,055	3,866
Jun	16,603	232	27	507	276	6,028	4,944	212	161	1,294	2,922
Jul	13,832	228	90	398	106	3,660	5,959	233	57	1,063	2,038
Aug	11,489	190	82	393	201	2,779	3,731	292	114	953	2,754
Sep	9,811	176	35	243	158	2,212	3,873	168	52	932	1,962
Oct	9,991	276	27	366	261	2,590	3,566	104	80	804	1,917
Nov	9,321	258	107	343	128	2,946	3,111	90	33	833	1,472
Dec	8,148	81	59	400	95	3,087	2,355	104	16	569	1,382
1991											
Jan	5,402	73	5	121	53	1,290	2,503	58	27	400	872
Feb	4,463	17	6	194	25	1,069	1,552	67	11	420	1,102
Mar	5,679	17	5	297	39	1,831	1,491	73	24	512	1,390
Apr	10,052	53	51	423	61	3,777	3,214	39	60	739	1,635
May	14,357	138	62	346	221	5,457	3,864	70	62	1,047	3,090
Jun	14,346	238	64	200	157	3,810	5,494	135	54	1,075	3,119
Jul	14,498	217	45	385	174	3,193	5,872	298	68	940	3,306
Aug	12,799	169	18	469	269	2,519	5,585	127	91	1,075	2,477
Sep	11,870	160	28	403	181	2,671	4,983	219	43	933	2,249
Oct	14,068	162	32	308	165	4,392	4,201	214	53	1,124	3,417
Nov	12,340	126	36	288	113	3,780	4,296	83	47	1,051	2,520
Dec											
YTD 1991	119,874	1,370	352	3,434	1,458	33,789	43,055	1,383	540	9,316	25,177
% Change YTD 1991/90	-15.9	-24.0	-29.7	5.7	-10.8	-9.1	-15.6	-36.3	-44.8	-32.8	-16.4

Source: Canada Mortgage and Housing Corporation

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 29 \*\*

YTD refers to Year-to-Date total.



# 11.4 DWELLING STARTS BY TYPE OF DWELLING, CENTRES 10,000 POPULATION AND OVER, ALBERTA

	Total	Single Detached	Semi- Detached	Row	Apartments
			(Units)		
1986	6,383	5,361	201	440	381
1987	8,432	7,432	248	490	262
1988	9,212	7,703	580	525	404
1989	12,345	10,253	466	893	733
1990	14,432	11,413	576	1,183	1,260
1990					
Jan	1,198	979	116	100	3
Feb	1,057	954	50	35	18
Mar	1,564	1,294	36	57	177
Apr	2,110	1,869	46	76	119
May	2,055	1,283	64	351	357
Jun	1,294	1,093	56	31	114
Jul	1,063	800	22	102	139
Aug	953	688	58	49	158
Sep	932	758	46	25	103
Oct	804	652	40	74	38
Nov	833	656	30	147	-
Dec	569	387	12	136	34
1991					
Jan	400	297	30	73	-
Feb	420	382	18	20	-
Mar	512	450	24	4	34
Apr	739	588	32	19	100
May	1,047	879	30	68	70
Jun	1,075	931	68	70	6
Jul	940	743	42	37	118
Aug	1,075	855	54	83	83
Sep	933	769	30	97	37
Oct	1,124	794	88	171	71
Nov	1,051	719	102	88	142
Dec					

Source: Canada Mortgage and Housing Corporation

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6152 \*\*

# 11.5 DWELLING STARTS, CENTRES 10,000 POPULATION AND OVER, ALBERTA

	Total Centres 10,000 & Over	Calgary CMA (1)	Edmonton CMA (1)	Edmonton City	Grande Prairie	Leth- bridge	Medicine Hat	Red Deer	Fort McMurray	Camrose	Alberta Part Lloyd- minster
(Units)											
1986	6,383	2,679	2,561	1,910	171	203	187	369	34	31	78
1987	8,432	3,466	3,608	2,366	156	236	260	490	75	41	47
1988	9,212	3,800	4,133	2,702	143	252	168	426	155	28	61
1989	12,345	6,228	4,817	2,904	163	228	239	402	116	74	28
1990	14,432	7,004	5,921	3,432	160	468	255	350	109	59	44
1990											
Jan	1,198	813	289	172	12	47	12	20	2	1	-
Feb	1,057	619	364	200	8	21	21	15	2	1	1
Mar	1,564	730	758	513	16	20	13	17	4	-	-
Apr	2,110	963	827	450	25	181	24	56	9	14	2
May	2,055	906	968	658	28	31	20	66	13	10	4
Jun	1,294	434	675	354	13	41	71	27	17	6	4
Jul	1,063	447	533	288	6	25	9	14	13	8	3
Aug	953	493	363	190	13	27	15	18	10	6	2
Sep	932	446	388	201	8	14	34	22	5	5	5
Oct	804	380	315	182	9	31	13	22	19	2	10
Nov	833	474	263	158	12	16	13	32	6	4	8
Dec	569	299	178	66	10	14	10	41	9	2	5
1991											
Jan	400	170	194	148	4	5	3	12	7	-	4
Feb	420	230	154	102	5	9	1	14	2	3	2
Mar	512	324	150	90	3	14	8	10	1	-	1
Apr	739	363	260	150	6	16	45	23	6	6	7
May	1,047	535	410	185	13	25	10	29	4	3	11
Jun	1,075	534	429	234	19	21	23	30	6	4	6
Jul	940	422	405	240	19	10	9	25	28	5	13
Aug	1,075	462	495	305	14	15	18	38	10	7	10
Sep	933	423	411	252	13	12	17	22	11	10	13
Oct	1,124	419	611	330	17	13	7	31	3	13	6
Nov	1,051	452	458	335	8	18	60	35	6	8	4
Dec											

Source: Canada Mortgage and Housing Corporation

(1) Based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6152 \*\*

# 11.6 DWELLING COMPLETIONS, CENTRES 10,000 POPULATION AND OVER, ALBERTA

	Total Centres 10,000 & Over	Calgary CMA (1)	Edmonton CMA (1)	Edmonton City	Grande Prairie	Leth- bridge	Medicine Hat	Red Deer	Fort McMurray	Camrose	Alberta Part Lloyd- minster
	(Units)										
1986	6,838	2,848	2,709	2,076	175	195	158	350	104	87	131
1987	6,947	2,539	3,171	2,110	156	205	226	448	54	46	53
1988	9,016	4,123	3,718	2,341	135	214	232	355	114	25	41
1989	10,625	5,014	4,167	2,578	166	261	262	456	143	61	55
1990	15,017	7,509	5,977	3,479	166	476	255	356	113	67	30
1990											
Jan	916	510	306	174	9	19	19	34	8	4	1
Feb	845	411	369	188	5	18	4	26	5	5	-
Mar	1,101	694	312	188	8	29	8	32	4	4	3
Apr	1,220	766	359	205	14	25	13	32	4	4	-
May	1,222	790	363	228	6	25	8	14	6	2	-
Jun	1,687	954	584	363	16	59	29	26	11	5	-
Jul	1,386	780	513	301	8	20	8	27	11	4	4
Aug	1,254	523	583	323	40	32	24	27	5	9	3
Sep	2,019	799	890	568	27	170	37	65	11	13	4
Oct	1,359	564	689	408	8	36	20	18	14	5	4
Nov	1,081	366	633	367	9	19	10	18	8	5	4
Dec	927	352	376	166	16	24	75	37	26	7	7
1991											
Jan	916	299	532	311	8	14	9	30	12	2	8
Feb	809	379	366	247	-	19	5	28	3	2	4
Mar	619	345	212	133	10	21	9	10	8	3	-
Apr	800	486	231	129	10	25	5	30	5	6	-
May	830	414	347	255	2	10	20	24	5	1	6
Jun	641	289	300	209	8	7	9	12	4	3	7
Jul	1,010	520	413	302	9	14	15	21	1	7	7
Aug	877	408	370	226	14	21	11	27	7	5	10
Sep	1,084	583	382	212	5	25	52	22	1	5	5
Oct	1,031	464	436	240	19	19	23	36	8	3	16
Nov	847	426	347	157	17	3	5	25	12	3	4
Dec											

Source: Canada Mortgage and Housing Corporation

(1) Based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6152 \*\*

# 11.7 DWELLING STARTS BY TYPE OF DWELLING, EDMONTON AND CALGARY

	Edmonton CMA					Calgary CMA				
	Total	Single Detached	Semi-Detached	Row	Apartment	Total	Single Detached	Semi-Detached	Row	Apartment
(Units)										
1986	2,561	2,355	105	90	11	2,679	2,112	68	174	325
1987	3,608	3,265	138	129	76	3,466	3,162	68	148	88
1988	4,133	3,469	162	193	309	3,800	3,327	336	122	15
1989	4,817	3,931	208	359	319	6,228	5,278	206	435	309
1990	5,921	4,759	206	319	637	7,004	5,564	276	693	471
1990										
Jan	289	255	22	12	-	813	672	72	66	3
Feb	364	320	12	32	-	619	578	38	3	-
Mar	758	506	18	57	177	730	714	16	-	-
Apr	827	773	30	-	24	963	953	10	-	-
May	968	634	28	54	252	906	524	28	261	93
Jun	675	627	36	12	-	434	314	14	19	87
Jul	553	442	4	4	83	447	285	8	98	56
Aug	363	319	6	38	-	493	276	48	11	158
Sep	388	276	30	19	63	446	390	10	6	40
Oct	315	240	4	33	38	380	327	20	33	-
Nov	263	240	10	13	-	474	334	10	130	-
Dec	178	127	6	45	-	299	197	2	66	34
1991										
Jan	194	107	22	65	-	170	158	4	8	-
Feb	154	138	-	16	-	230	216	10	4	-
Mar	150	138	8	4	-	324	278	12	-	34
Apr	260	219	2	19	20	363	300	22	-	41
May	410	295	16	60	39	535	493	6	5	31
Jun	429	367	32	30	-	534	470	18	40	6
Jul	405	284	20	19	82	422	378	14	18	12
Aug	495	361	28	47	59	462	392	10	36	24
Sep	411	290	10	78	33	423	394	10	19	-
Oct	611	356	30	162	63	419	358	44	9	8
Nov	458	275	28	71	84	452	363	60	17	12
Dec										

Source: Canada Mortgage and Housing Corporation

Note: CMA data based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6157 \*\*



## 11.8 NEWLY COMPLETED AND UNOCCUPIED DWELLINGS, CALGARY AND EDMONTON METROPOLITAN AREAS

	Single & Semi-Detached				Row & Apartments			
	Calgary CMA	Edmonton CMA	Edmonton City	St. Albert	Calgary CMA	Edmonton CMA	Edmonton City	St. Albert
(Units)								
1986	86	70	45	12	140	58	58	-
1987	124	111	63	20	16	19	19	-
1988	109	167	77	44	16	22	20	-
1989	356	154	58	31	18	154	151	-
1990	537	440	231	69	44	124	118	-
1990								
Jan	316	161	55	38	16	143	142	-
Feb	303	168	69	46	13	140	140	-
Mar	428	145	61	33	6	120	120	-
Apr	474	155	68	37	7	114	114	-
May	494	151	67	29	60	115	115	-
Jun	549	213	101	41	65	152	151	-
Jul	594	229	127	23	81	153	153	-
Aug	517	311	165	43	70	116	114	-
Sep	601	335	177	49	39	123	115	-
Oct	614	412	224	69	46	109	99	-
Nov	596	445	234	70	38	125	117	-
Dec	537	440	231	69	44	124	118	-
1991								
Jan	452	440	240	67	37	104	70	-
Feb	460	444	242	67	34	121	88	-
Mar	432	433	238	65	102	111	78	-
Apr	502	413	220	62	161	128	86	-
May	533	400	218	58	195	118	98	-
Jun	550	388	204	56	156	183	166	-
Jul	562	447	251	59	167	117	101	-
Aug	604	429	251	50	148	111	94	-
Sep	606	455	260	56	118	132	111	-
Oct								
Nov								
Dec								

Source: Canada Mortgage and Housing Corporation

Note: Annual data are as of 31-Dec for the reference year.

CMA data based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6156 \*\*

## 11.9 VALUE OF ALL BUILDING PERMITS, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yuk. & N.W.T.
(Millions of Dollars)												
1986	24,690	207	107	756	461	5,887	11,359	810	741	1,841	2,420	100
1987	30,981	235	124	774	517	8,102	14,834	863	666	1,860	2,906	100
1988	34,829	273	173	833	502	7,748	17,281	789	524	2,440	4,150	115
1989	40,045	347	149	881	596	8,696	20,031	846	511	2,647	5,221	119
1990	32,262	313	159	783	494	7,143	14,063	732	460	3,017	4,983	117
% Change 1990/89	-19.4	-9.8	6.7	-11.1	-17.1	-17.9	-29.8	-13.5	-10.0	14.0	-4.6	-1.7
1990												
Jan	2,296	9	2	42	12	319	1,120	35	79	249	427	2
Feb	2,398	7	10	27	23	481	1,050	35	14	231	515	3
Mar	3,503	18	13	84	43	884	1,393	73	25	394	574	2
Apr	3,373	30	14	81	53	803	1,494	66	40	325	461	5
May	3,450	43	25	79	61	845	1,436	113	40	290	509	10
Jun	3,399	40	20	85	65	939	1,442	83	57	238	407	24
Jul	2,545	30	14	90	47	436	1,119	39	61	286	411	10
Aug	2,808	30	21	61	58	514	1,366	99	42	220	376	21
Sep	2,325	42	11	71	46	567	932	53	40	204	350	9
Oct	2,804	33	16	81	34	677	1,236	57	39	207	416	8
Nov	2,042	20	7	57	43	456	858	54	14	215	302	16
Dec	1,320	10	5	25	7	221	617	25	10	159	235	6
1991 (p)												
Jan	1,304	8	3	42	30	193	636	22	19	127	223	2
Feb	1,393	3	3	53	15	293	577	30	17	124	273	5
Mar	1,841	8	5	40	10	524	627	55	18	206	340	8
Apr	2,778	34	10	55	39	752	999	45	36	308	496	6
May	3,021	39	18	59	57	675	1,208	44	27	265	617	12
Jun	2,758	32	12	64	48	552	1,236	59	28	218	502	6
Jul	2,809	28	15	61	47	456	1,319	59	25	250	515	34
Aug	2,589	31	10	60	46	539	1,113	82	38	250	408	11
Sep	2,904	30	6	59	42	670	1,143	39	43	338	520	14
Oct	2,887	38	19	79	40	593	1,217	69	47	217	549	20
Nov												
Dec												
YTD 1991	24,284	251	101	572	374	5,247	10,075	504	298	2,303	4,443	118
% Change YTD 1991/90	-16.0	-11.0	-30.8	-18.4	-15.4	-18.8	-20.0	-22.8	-31.8	-12.9	-0.1	25.5

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 137 \*\*

YTD refers to Year-to-Date total.

# 11.10 BUILDING PERMITS ISSUED BY TYPE OF DWELLING, ALBERTA

	Total	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions
(Units)							
1986	8,848	7,012	16	209	315	1,257	39
1987	11,021	9,364	43	281	517	787	29
1988	11,176	9,239	67	308	788	724	50
1989	15,443	13,015	43	486	856	1,017	26
1990	17,238	13,772	89	438	1,024	1,854	61
1990							
Jan	1,384	1,170	4	6	16	188	-
Feb	1,634	1,448	2	4	36	115	29
Mar	2,511	2,237	10	64	93	105	2
Apr	2,261	1,842	13	42	172	191	1
May	2,050	1,545	17	30	63	394	1
Jun	1,278	1,047	7	66	82	76	-
Jul	1,178	941	18	36	40	140	3
Aug	1,207	828	8	56	254	56	5
Sep	1,079	802	2	38	94	132	11
Oct	1,184	900	5	30	75	172	2
Nov	933	622	2	48	76	185	-
Dec	539	390	1	18	23	100	7
1991 (p)							
Jan	494	362	1	10	105	15	1
Feb	662	529	1	14	-	111	7
Mar	959	829	2	26	50	45	7
Apr	1,611	1,292	11	74	8	215	11
May	1,520	1,293	7	66	73	80	1
Jun	1,452	1,059	18	62	136	176	1
Jul	1,516	1,137	6	92	26	125	130
Aug	1,165	1,042	5	40	5	72	1
Sep	1,376	980	10	58	148	180	-
Oct	1,236	1,001	11	46	11	160	7
Nov							
Dec							

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6155 \*\*

# 11.11 VALUE OF BUILDING PERMITS ISSUED BY TYPE OF STRUCTURE, ALBERTA

	Total	Residential	Industrial	Commercial	Institutional and Government
(Thousands of Dollars)					
1986	1,840,743	644,763	64,245	667,025	464,710
1987	1,859,962	886,832	145,468	639,191	188,471
1988	2,440,072	933,327	744,177	517,472	245,096
1989	2,647,282	1,369,047	257,255	668,073	352,907
1990	3,016,783	1,672,741	364,555	717,937	261,550
1990					
Jan	248,873	126,932	15,292	90,405	16,244
Feb	231,004	150,171	32,034	46,511	2,288
Mar	393,675	249,125	22,958	73,425	48,167
Apr	325,410	216,956	28,969	43,834	35,651
May	290,436	197,235	8,520	61,348	23,333
Jun	237,534	135,163	13,060	71,290	18,021
Jul	285,620	120,974	92,614	56,017	16,015
Aug	220,265	116,845	29,988	59,928	13,504
Sep	203,531	108,608	30,658	51,104	13,161
Oct	206,703	116,979	26,235	52,975	10,514
Nov	214,940	81,446	38,948	53,730	40,816
Dec	158,792	52,307	25,279	57,370	23,836
1991 (p)					
Jan	126,696	48,312	9,470	41,445	27,469
Feb	123,674	62,698	11,412	29,531	20,033
Mar	206,268	99,623	10,857	70,121	25,667
Apr	308,261	161,853	52,314	45,176	48,918
May	265,127	155,657	10,558	74,013	24,899
Jun	218,128	136,377	20,989	46,330	14,432
Jul	249,613	151,293	4,296	48,934	45,090
Aug	250,325	122,408	27,391	53,558	46,968
Sep	338,414	126,880	86,060	49,643	75,831
Oct	217,300	123,855	10,205	58,021	25,219
Nov					
Dec					

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*



# 11.12 VALUE OF ALL BUILDING PERMITS, ALBERTA AND SELECTED MUNICIPALITIES

	Total Alberta	Calgary CMA (1)	Edmonton CMA (1)	Edmonton City	Grande Prairie	Leth- bridge	Medicine Hat	Red Deer	Fort Mc- Murray	Camrose	Lloyd- minster (2)
(Thousands of Dollars)											
1986	1,840,743	569,613	640,841	530,819	24,535	42,632	26,602	43,445	9,436	5,239	37,031
1987	1,859,962	647,568	497,197	386,929	24,453	59,793	29,538	39,466	4,200	23,482	14,615
1988	2,440,072	660,395	625,739	422,111	21,826	59,623	42,970	50,026	12,304	5,316	28,660
1989	2,647,282	991,744	898,586	510,412	61,445	44,495	32,201	50,503	4,132	12,131	7,844
1990	3,016,783	1,069,940	958,965	615,436	30,029	47,566	34,221	63,698	4,587	9,619	18,012
1990											
Jan	248,873	137,837	62,484	39,062	3,147	6,849	627	2,154	171	267	206
Feb	231,004	93,646	96,879	69,420	5,252	4,897	7,039	1,393	209	422	102
Mar	393,675	151,116	149,847	75,493	2,880	4,270	2,573	6,204	360	1,108	860
Apr	325,410	120,723	97,605	59,050	2,425	5,273	4,262	4,347	513	3,963	5,879
May	290,436	107,467	102,980	65,604	2,779	4,060	6,078	6,301	1,096	757	1,979
Jun	237,534	78,377	74,493	50,955	1,093	3,831	1,757	3,540	612	561	1,765
Jul	285,620	61,728	73,979	44,264	1,765	3,466	3,017	5,738	541	726	869
Aug	220,265	70,234	59,390	41,649	3,165	2,434	2,052	5,822	238	585	1,090
Sep	203,531	60,070	53,062	36,608	1,679	6,469	1,984	1,872	285	344	1,899
Oct	206,703	71,231	67,890	51,972	2,932	3,693	2,711	3,454	170	579	1,096
Nov	214,940	74,347	63,998	41,470	2,196	1,530	1,620	4,669	322	223	518
Dec	158,792	43,164	56,358	39,889	716	794	501	18,204	70	84	1,749
1991 (p)											
Jan	126,696	31,241	68,833	52,358	982	980	260	3,284	92	416	183
Feb	123,674	44,329	33,853	24,649	252	1,637	1,347	1,573	150	48	1,445
Mar	206,268	78,203	69,645	55,260	1,029	4,187	3,570	2,642	94	1,414	631
Apr	308,261	88,296	99,691	63,670	1,378	7,110	2,578	5,744	371	2,720	1,247
May	265,127	99,618	72,906	43,725	2,109	9,544	5,713	12,276	137	753	5,671
Jun	218,128	67,524	72,770	43,552	1,586	8,486	1,445	2,728	3,256	773	4,464
Jul	249,613	82,803	91,262	58,313	2,817	2,436	2,803	4,005	411	2,896	2,027
Aug	250,325	98,376	66,507	46,542	973	6,142	1,312	5,428	1,135	874	1,232
Sep	338,414	62,335	126,939	101,808	1,264	2,773	1,943	7,994	389	1,559	2,726
Oct	217,300	61,863	73,478	46,271	999	5,552	2,461	5,724	1,922	1,044	544
Nov											
Dec											

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

(1) Based on 1986 boundaries beginning January, 1988.

(2) Alberta and Saskatchewan

Note: Some figures may not add due to revisions.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*

# 11.13 VALUE OF RESIDENTIAL BUILDING PERMITS, ALBERTA AND SELECTED MUNICIPALITIES

	Total Alberta	Calgary CMA (1)	Edmonton CMA (1)	Edmonton City	Grande Prairie	Leth- bridge	Medicine Hat	Red Deer	Fort Mc- Murray	Camrose	Lloyd- minster (2)
(Thousands of Dollars)											
1986	644,763	200,418	193,188	136,498	10,669	16,662	15,204	23,204	2,038	2,855	9,431
1987	886,832	349,109	241,480	165,066	11,002	20,383	17,672	30,296	1,632	2,919	5,026
1988	933,327	387,041	304,845	173,342	12,075	24,940	14,304	27,771	3,050	3,466	5,665
1989	1,369,047	636,724	451,760	260,654	12,676	23,079	18,951	23,024	1,640	4,382	2,563
1990	1,672,741	676,399	577,318	332,870	13,144	25,541	19,091	28,286	2,610	5,050	4,401
1990											
Jan	126,932	65,653	41,759	23,122	672	1,350	207	1,414	65	86	130
Feb	150,171	71,978	60,945	33,795	1,286	1,323	1,403	797	60	93	9
Mar	249,125	114,689	88,671	47,290	2,880	3,753	2,229	5,314	135	1,108	164
Apr	216,956	81,082	78,139	45,521	1,802	3,072	3,726	3,596	404	774	419
May	197,235	71,311	74,521	40,593	1,293	3,376	3,180	2,597	643	558	305
Jun	135,163	43,744	46,887	25,552	591	2,563	844	1,737	328	515	260
Jul	120,974	39,205	44,236	24,949	1,187	2,654	1,584	3,922	335	687	194
Aug	116,845	41,987	32,415	21,291	528	1,868	1,593	1,428	111	412	432
Sep	108,608	44,215	29,848	18,694	756	2,270	1,340	1,608	215	314	953
Oct	116,979	48,671	36,329	24,370	795	1,610	1,379	2,458	119	313	706
Nov	81,446	33,776	24,101	13,703	1,015	1,294	1,207	2,105	189	180	509
Dec	52,307	20,088	19,467	13,990	339	408	399	1,310	6	10	320
1991 (p)											
Jan	48,312	19,001	17,991	8,742	537	618	153	461	5	166	147
Feb	62,698	31,400	17,375	9,844	252	1,057	791	665	70	12	107
Mar	99,623	45,961	25,669	15,444	592	1,863	2,694	2,036	25	478	594
Apr	161,853	68,992	47,510	21,363	1,287	6,817	1,052	2,559	95	309	1,022
May	155,657	60,383	50,061	27,672	1,661	2,011	1,777	2,959	121	660	442
Jun	136,377	56,743	38,850	22,100	1,223	1,472	768	2,201	290	664	1,295
Jul	151,293	55,948	54,856	33,925	1,845	1,335	2,070	2,660	248	545	808
Aug	122,408	50,218	37,479	21,910	905	1,431	1,197	1,823	566	862	1,138
Sep	126,880	45,728	42,034	24,527	994	1,456	822	3,815	136	1,115	630
Oct	123,855	50,556	38,891	22,494	687	1,892	1,678	2,701	464	555	544
Nov											
Dec											

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

(1) Based on 1986 boundaries beginning January, 1988.

(2) Alberta and Saskatchewan

Note: Some figures may not add due to revisions.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*

# 11.14 VALUE OF BUILDING PERMITS ISSUED BY TYPE OF STRUCTURE, EDMONTON AND CALGARY

	Edmonton CMA (1)					Calgary CMA (1)				
	Total	Residential	Industrial	Commercial	Instit. & Gov't	Total	Residential	Industrial	Commercial	Instit. & Gov't
(Thousands of Dollars)										
1986	640,841	193,188	22,813	243,976	180,864	569,613	200,418	18,196	248,118	102,881
1987	497,197	241,480	28,133	198,488	29,096	647,568	349,109	9,527	239,398	49,534
1988	625,739	304,845	59,981	180,421	80,492	660,395	387,041	26,661	202,261	44,432
1989	898,586	451,760	144,837	204,098	97,891	991,744	636,724	8,289	287,083	59,648
1990	958,965	577,318	56,980	231,909	92,758	1,069,940	676,399	36,340	283,900	73,301
1990										
Jan	62,484	41,759	5,842	7,172	7,711	137,837	65,653	1,087	65,781	5,316
Feb	96,879	60,945	19,437	15,830	667	93,646	71,978	6,719	14,841	108
Mar	149,847	88,671	2,316	27,692	31,168	151,116	114,689	5,557	26,022	4,848
Apr	97,605	78,139	1,707	8,340	9,419	120,723	81,082	9,307	24,133	6,201
May	102,980	74,521	1,522	22,241	4,696	107,467	71,311	4,375	22,830	8,951
Jun	74,493	46,887	3,525	22,080	2,001	78,377	43,744	365	29,683	4,585
Jul	73,979	44,236	6,318	21,603	1,822	61,728	39,205	890	17,622	4,011
Aug	59,390	32,415	1,427	20,834	4,714	70,234	41,987	4,494	22,215	1,538
Sep	53,062	29,848	2,311	19,374	1,529	60,070	44,215	499	13,357	1,999
Oct	67,890	36,329	6,180	22,961	2,420	71,231	48,671	6	20,741	1,813
Nov	63,998	24,101	3,408	26,940	9,549	74,347	33,776	2,430	9,718	28,423
Dec	56,358	19,467	2,987	16,842	17,062	43,164	20,088	611	16,957	5,508
1991 (p)										
Jan	68,833	17,991	2,549	27,925	20,368	31,241	19,001	368	11,412	460
Feb	33,853	17,375	166	14,558	1,754	44,329	31,400	1,732	5,730	5,467
Mar	69,645	25,669	3,828	35,469	4,679	78,203	45,961	176	23,892	8,174
Apr	99,691	47,510	1,251	14,744	36,186	88,296	68,992	1,376	12,254	5,674
May	72,906	50,061	1,788	18,668	2,389	99,618	60,383	92	29,011	10,132
Jun	72,770	38,850	9,874	13,162	10,884	67,524	56,743	593	10,084	104
Jul	91,262	54,856	496	17,094	18,816	82,803	55,948	310	18,161	8,384
Aug	66,507	37,479	2,389	22,467	4,172	98,376	50,218	689	11,756	35,713
Sep	126,939	42,034	2,178	17,240	65,487	62,335	45,728	587	14,320	1,700
Oct	73,478	38,891	2,848	26,411	5,328	61,863	50,556	212	8,027	3,068
Nov										
Dec										

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

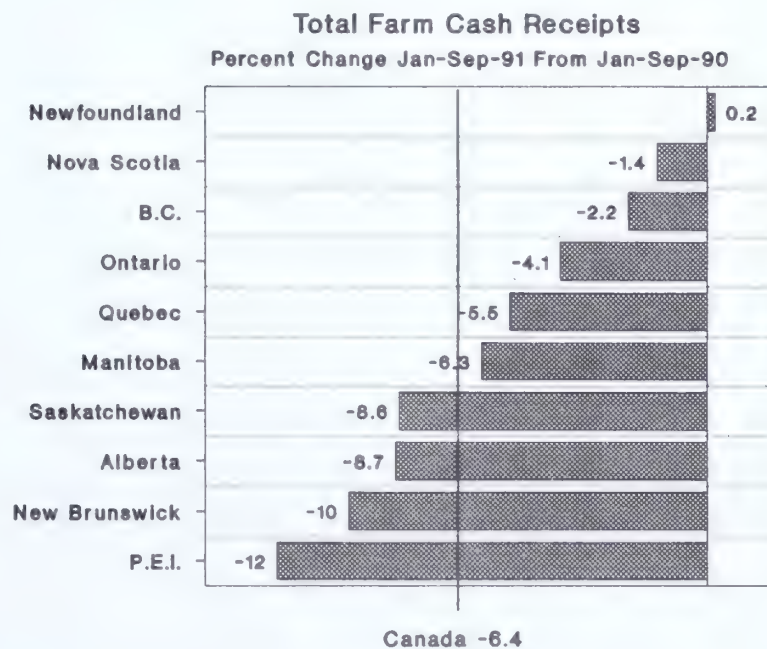
(1) Based on 1986 boundaries beginning January, 1988.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*

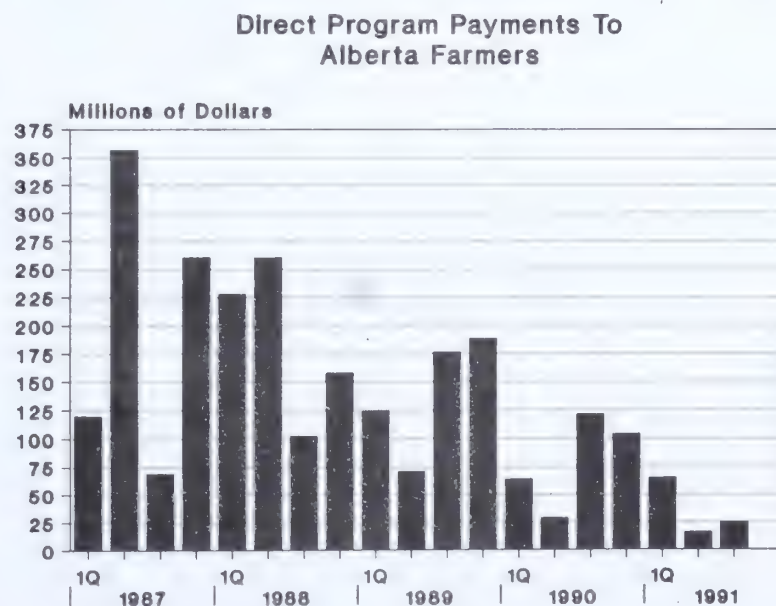




**Chart 19**



**Chart 20**



## 12.1 TOTAL FARM CASH RECEIPTS, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Millions of Dollars)											
1986	20,415	44	185	271	224	3,253	5,396	2,075	4,144	3,753	1,069
1987	21,055	47	213	297	243	3,257	5,458	2,092	4,355	4,006	1,089
1988	22,049	54	204	312	253	3,510	5,653	2,059	4,446	4,414	1,143
1989 (r)	22,544	58	254	315	273	3,705	5,659	2,100	4,475	4,534	1,171
1990 (r)	21,568	59	246	318	275	3,749	5,516	1,972	3,982	4,244	1,207
% Change 1990/89	-4.3	1.7	-3.1	1.0	0.7	1.2	-2.5	-6.1	-11.0	-6.4	3.1
1990 (r)											
Jan-Mar	5,841	14	71	71	67	798	1,309	572	1,355	1,287	298
Apr-Jun	5,111	14	68	71	72	1,051	1,295	480	800	969	291
Jul-Sep	5,487	16	45	87	69	957	1,492	442	1,026	1,054	298
Oct-Dec	5,130	15	63	88	67	943	1,420	479	802	933	319
1991 (p)											
Jan-Mar	5,591	14	53	72	57	802	1,255	541	1,304	1,194	298
Apr-Jun	4,981	14	59	69	67	997	1,237	468	826	951	293
Jul-Sep	4,820	16	49	85	63	853	1,436	390	775	877	276
Oct-Dec											
YTD 1991	15,392	44	161	226	187	2,652	3,928	1,399	2,905	3,022	867
% Change YTD 1991/90	-6.4	0.0	-12.5	-1.3	-10.1	-5.5	-4.1	-6.4	-8.7	-8.7	-2.3

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 3582-3592 \*\*

YTD refers to Year-To-Date total.

## 12.2 FARM CASH RECEIPTS FROM FARMING OPERATIONS, ALBERTA

	Total Cash Receipts	Total Crops	Total Livestock & Products	Direct Payments				
				Total	Crop Insurance	Western Grain Stabilization	Dairy Subsidy	Other
(Thousands of Dollars)								
1986	3,752,856	1,317,280	1,774,491	661,085	160,135	225,438	18,878	256,634
1987	4,005,790	1,301,068	1,899,200	805,522	135,435	368,036	18,799	283,252
1988	4,414,334	1,614,569	2,051,478	748,287	173,381	179,583	19,010	376,313
1989 (r)	4,533,895	1,829,412	2,144,451	560,032	193,705	55,650	18,467	292,210
1990 (r)	4,243,526	1,621,269	2,304,138	318,119	139,273	—	18,020	160,826
1990 (r)								
Jan-Mar	1,287,340	664,711	558,983	63,646	31,011	—	4,470	28,165
Apr-Jun	968,702	322,728	616,568	29,406	1,379	—	4,738	23,289
Jul-Sep	1,054,322	345,006	588,712	120,604	14,423	—	4,013	102,168
Oct-Dec	933,162	288,824	539,875	104,463	92,460	—	4,799	7,204
1991 (p)								
Jan-Mar	1,194,206	569,138	560,200	64,868	10,474	49,023	4,525	846
Apr-Jun	950,939	338,986	596,137	15,816	672	—	4,486	10,658
Jul-Sep	876,603	312,605	538,665	25,333	9,115	—	2,978	13,240
Oct-Dec								

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 3591 \*\*

## 12.3 FARM CASH RECEIPTS FROM CROPS, ALBERTA

	Total Crops (1)	Wheat (2)	Oats	Barley	Rye	Flax- seed	Canola	Sugar Beets	Potatoes	Vege- tables	Flori- culture & Nursery	Other Crops
(Thousands of Dollars)												
1986	1,317,280	444,482	16,323	300,879	4,645	5,534	267,781	9,001	30,762	29,301	23,532	69,772
1987	1,301,068	557,267	19,219	226,565	4,743	6,012	314,500	12,680	35,293	29,588	29,028	59,948
1988	1,614,569	620,662	61,636	248,680	7,720	7,217	438,760	19,380	41,484	30,913	33,773	78,662
1989 (r)	1,829,412	558,698	86,779	349,954	5,951	6,631	422,174	23,342	41,798	33,803	36,096	68,696
1990 (r)	1,621,269	618,710	36,420	225,962	5,181	8,319	345,598	26,586	37,805	40,132	38,044	72,008
1990 (r)												
Jan-Mar	664,711	176,955	13,819	80,713	1,610	2,774	109,364	2,745	10,663	8,989	5,543	10,787
Apr-Jun	322,728	180,710	9,929	49,976	1,453	1,320	58,165	2,745	7,980	8,626	15,117	6,932
Jul-Sep	345,006	172,462	6,853	45,307	1,384	1,258	103,581	2,246	8,812	12,941	7,901	14,975
Oct-Dec	288,824	88,583	5,819	49,966	734	2,967	74,488	18,850	10,350	9,576	9,483	39,314
1991 (p)												
Jan-Mar	569,138	186,081	6,565	60,355	773	1,015	86,203	2,214	13,311	9,446	6,054	10,568
Apr-Jun	338,986	179,803	5,008	53,796	937	1,439	61,552	1,328	11,931	8,948	16,509	7,337
Jul-Sep	312,605	148,637	6,018	41,088	1,734	1,804	86,491	1,623	9,835	13,409	8,628	15,001
Oct-Dec												

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

(1) Total Crops includes all Canada Wheat Board payments, deferred grain receipts and liquidation of deferred grain receipts.

(2) Includes Durum Wheat.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 3591 \*\*



## 12.4 FARM CASH RECEIPTS FROM LIVESTOCK AND PRODUCTS, ALBERTA

	Total Livestock & Products	Cattle & Calves	Hogs	Sheep & Lambs	Dairy Products	Poultry	Eggs	Honey	Other Livestock & Products
(Thousands of Dollars)									
1986	1,774,491	1,104,415	279,016	7,171	223,658	83,720	42,091	12,982	21,438
1987	1,899,200	1,210,858	285,202	8,211	221,104	92,168	42,067	12,500	27,090
1988	2,051,478	1,388,192	248,711	6,715	238,186	87,776	44,071	10,138	27,689
1989	2,144,451	1,466,140	249,591	7,430	246,982	96,344	43,649	9,000	25,315
1990 (r)	2,304,138	1,564,598	298,593	6,860	251,207	104,200	42,800	11,667	24,213
1990 (r)									
Jan-Mar	558,983	387,388	69,844	1,491	61,655	20,646	10,470	950	6,539
Apr-Jun	616,568	423,277	83,932	1,366	65,100	25,553	10,903	-	6,437
Jul-Sep	588,712	395,347	75,643	2,274	60,821	31,388	10,898	6,724	5,617
Oct-Dec	539,875	358,586	69,174	1,729	63,631	26,613	10,529	3,993	5,620
1991 (p)									
Jan-Mar	560,200	386,571	70,332	1,549	63,011	20,711	10,761	1,514	5,751
Apr-Jun	596,137	415,777	74,157	1,494	63,155	24,801	10,954	-	5,799
Jul-Sep	538,665	354,067	70,017	2,353	59,480	29,648	10,363	8,061	4,676
Oct-Dec									

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 3591 \*\*

## 12.5 ALBERTA FARMS VALUE OF CAPITAL, INCOME, FARM OPERATIONS AND FARM DEBT

	1986	1987	1988	1989(r)	1990(r)
(Millions of Dollars)					
Value of Farm Capital (as of July 1)	28,586	27,900	27,477	29,728	31,107
Livestock and Poultry (1)	2,430	2,741	2,869	2,996	3,040
Land and Buildings	20,774	19,818	19,303	21,329	22,503
Implements and Machinery	5,382	5,341	5,305	5,402	5,564
Net Farm Income					
Net Cash Income (2)	1,013	1,237	1,509	1,366	1,014
Total Cash Receipts	3,753	4,006	4,414	4,534	4,244
Operating Expenses After Rebates	2,740	2,769	2,905	3,168	3,229
Income-in-Kind	25	26	26	25	26
Depreciation Charges	670	661	654	672	693
Realized Net Income (3)	369	603	880	719	347
Value of Inventory Change	499	-29	41	69	228
Total Net Income	867	573	921	787	575
Farm Operating Expenses and Depreciation Charges					
Total Expenses after Rebates	3,410	3,430	3,560	3,823	3,843
Operating Expenses after Rebates	2,740	2,769	2,905	3,150	3,149
Net Property Taxes	69	69	72	76	81
Cash and Share Rent	179	148	168	179	176
Cash Wages	263	283	266	283	297
Net Interest	413	419	436	448	468
Net Machinery Fuel	158	218	212	228	250
Machinery Repairs and Others	306	294	303	329	342
Net Fertilizer	287	249	252	270	255
Net Pesticides	146	131	143	151	156
Net Commercial Feed	255	194	273	291	272
Livestock Purchases	143	233	228	261	228
Other	522	531	552	634	624
Depreciation Charges	670	661	654	673	695
Building Depreciation	84	80	78	87	91
Machinery Depreciation	586	580	576	586	603
Total Rebates	199	116	87	84	74
Farm Debt Outstanding (as of December 31)	5,550	5,498	5,604	5,832	6,221
Chartered Banks Including FILA Loans	2,281	2,354	2,385	2,612	2,669
Federal Gov't Agencies (FCC, VLA, FBDB)	755	663	569	487	428
Provincial Gov't Agencies (Incl. Alta. Treasury Branch)	1,692	1,698	1,793	1,888	1,944
Credit Unions	187	181	186	197	222
Insurance, Trust and Loan Companies	19	19	22	23	23
Private Individuals and Others (4)	522	495	519	613	613
Advance Payment Programs	95	88	130	12	321

Source: Statistics Canada, Catalogue No. 21-603

(1) Includes value of animals on fur farms.

(2) Total Cash Receipts less Operating Expenses after Rebates.

(3) Net Cash Income plus Income-in-Kind less Depreciation Charges.

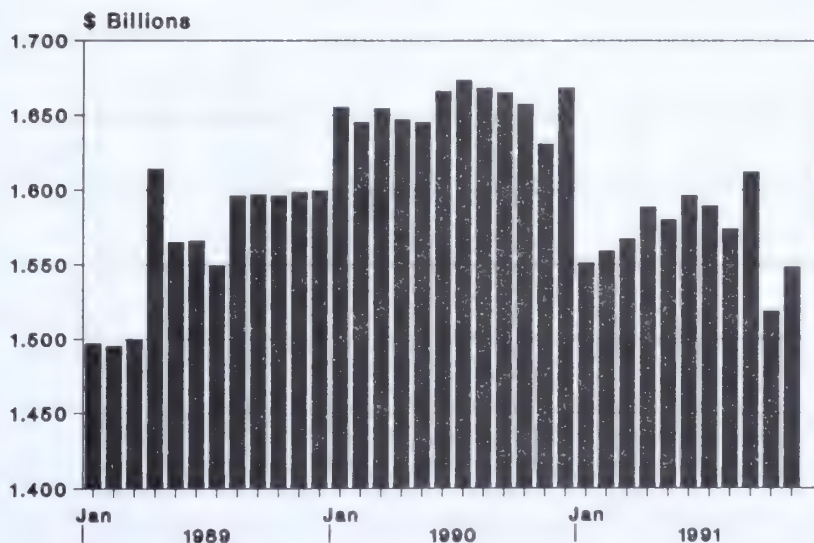
(4) Includes supply companies, financial companies, dealers, stores and other unclassified credit sources.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 258, 271, 3602, AND 5678 \*\*

- Compared to the previous month, consumer spending in November, 1991 was up in all provinces except B.C. Gains in *retail sales* (seasonally adjusted) ranged from 0.5% in Ontario to 3.0% in Newfoundland. During August to November, Alberta monthly sales fluctuated markedly - falling 0.9% in August, up 2.4% in September and down 5.8% in October (largest monthly decline since the current survey began in 1981). Sales were up again in November at 1.9%.
- Following a decline of 1.7% in October, November sales for Canada increased 0.7%. Fluctuations in total sales continued to be significantly affected by volatile sales by motor vehicle and recreational vehicle dealers. In November, this sector posted a gain of 4.1%. This followed a gain of 4.3% in September and a decrease of 6.7% in October.
- Alberta reported the highest per capita sales in November at \$641 followed by B.C. at \$623.

Chart 21

Alberta Retail Sales  
(Seasonally Adjusted)



### 13.1 RETAIL SALES, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.
(Millions of Dollars)												
1986	152,880	2,503	615	4,981	3,852	38,906	57,616	5,773	4,903	15,694	17,586	452
1987	167,939	2,865	682	5,426	4,196	43,698	63,671	6,127	5,157	16,283	19,357	478
1988	180,545	3,206	752	5,841	4,563	46,841	68,579	6,337	5,402	17,486	21,023	518
1989	188,160	3,394	779	6,020	4,771	47,444	71,327	6,599	5,475	18,771	23,036	545
1990	191,520	3,523	803	6,120	4,936	47,760	71,251	6,596	5,628	19,878	24,459	567
% Change 1990/89	1.8	3.8	3.1	1.7	3.5	0.7	-0.1	0.0	2.8	5.9	6.2	4.0
1990												
Jan	13,366	224	52	409	324	3,239	5,071	457	400	1,396	1,755	39
Feb	12,864	229	51	404	326	3,194	4,797	440	366	1,342	1,678	38
Mar	15,889	282	61	492	398	3,984	5,954	525	441	1,626	2,081	45
Apr	15,501	285	63	487	395	4,016	5,691	534	445	1,580	1,963	43
May	17,182	314	73	541	437	4,481	6,350	592	479	1,746	2,121	49
Jun	17,021	314	74	542	453	4,308	6,298	590	519	1,772	2,099	52
Jul	15,861	301	75	521	419	3,946	5,811	549	470	1,648	2,070	51
Aug	16,479	317	74	542	429	4,140	6,009	570	497	1,714	2,139	50
Sep	15,454	280	65	477	394	3,899	5,716	530	460	1,614	1,974	46
Oct	16,031	290	64	506	414	4,025	5,919	554	489	1,692	2,030	48
Nov	16,703	324	70	557	450	4,067	6,274	587	509	1,729	2,086	50
Dec	19,170	364	82	643	496	4,461	7,361	669	555	2,020	2,463	56
1991* (p)												
Jan	12,249	225	48	391	317	2,920	4,550	444	373	1,325	1,622	36
Feb	11,958	229	46	400	315	2,924	4,365	415	349	1,263	1,618	34
Mar	14,036	260	52	453	357	3,540	5,085	476	406	1,487	1,879	40
Apr	14,826	274	58	477	384	3,793	5,364	510	424	1,553	1,947	41
May	16,678	315	65	532	436	4,354	6,066	565	474	1,684	2,137	49
Jun	15,705	297	66	494	414	3,906	5,804	540	461	1,661	2,011	50
Jul	15,422	295	68	491	404	3,841	5,636	508	441	1,604	2,084	50
Aug	15,491	308	69	507	410	3,861	5,586	522	453	1,634	2,092	49
Sep	14,464	270	58	462	362	3,563	5,289	494	427	1,557	1,939	43
Oct	15,053	281	58	484	383	3,746	5,536	516	443	1,575	1,986	45
Nov	15,657	316	63	520	409	3,754	5,880	550	469	1,628	2,022	48
Dec												
YTD 1991	161,539	3,070	651	5,211	4,191	40,202	59,161	5,540	4,720	16,971	21,337	485
% Change YTD 1991/90*	-6.3	-2.8	-9.8	-4.9	-5.6	-7.2	-7.4	-6.5	-7.0	-5.0	-3.0	-5.1

Source: Statistics Canada, Catalogue No. 63-005

\* Due to the change in indirect taxes, 1991 data are not strictly comparable with previous years. Refer to Appendix 3 for further information.

Note: Data presented here are estimates derived from a new retail trade survey. Refer to Appendix 2 for further information.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2400 \*\*

YTD refers to Year-to-Date total.



## 13.2 RETAIL SALES, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.
(Millions of Dollars)												
1990												
Jan	16,272	286	67	504	401	4,037	6,108	552	477	1,655	2,064	49
Feb	16,096	292	68	510	412	4,024	5,984	549	460	1,645	2,048	48
Mar	16,114	290	68	507	411	4,023	6,034	547	462	1,654	2,061	47
Apr	15,912	291	66	506	409	3,987	5,927	545	460	1,647	2,054	47
May	15,845	284	67	506	407	3,944	5,892	550	448	1,645	2,029	48
Jun	15,869	292	66	512	425	3,980	5,843	548	474	1,666	1,981	47
Jul	15,980	295	67	517	415	3,960	5,940	562	476	1,673	2,055	48
Aug	16,021	303	65	516	409	3,980	5,962	557	486	1,668	2,049	46
Sep	15,917	295	67	496	409	3,978	5,926	545	474	1,665	2,044	45
Oct	15,857	296	65	509	408	3,956	5,861	543	469	1,658	2,043	47
Nov	15,748	302	68	515	418	3,925	5,815	546	473	1,631	2,008	49
Dec	15,803	297	69	523	411	3,952	5,934	554	468	1,668	2,034	46
1991* (p)												
Jan	14,554	284	60	472	388	3,565	5,377	527	439	1,551	1,883	45
Feb	14,986	290	62	502	398	3,709	5,489	520	444	1,559	1,966	44
Mar	14,914	276	60	484	383	3,712	5,439	515	444	1,567	1,957	44
Apr	14,990	277	60	489	395	3,715	5,443	516	432	1,588	1,975	45
May	15,190	283	60	492	397	3,775	5,577	517	441	1,580	2,010	46
Jun	15,126	285	60	482	397	3,710	5,565	516	437	1,596	1,973	45
Jul	15,102	285	59	479	390	3,749	5,588	509	433	1,589	2,012	46
Aug	14,904	290	61	480	390	3,682	5,466	509	433	1,574	1,972	45
Sep	14,968	288	60	485	380	3,670	5,533	510	447	1,612	2,031	44
Oct	14,712	283	59	478	376	3,615	5,398	500	422	1,519	1,967	44
Nov	14,811	291	60	482	380	3,650	5,423	512	430	1,548	1,952	45
Dec												
YTD 1991	164,257	3,132	661	5,325	4,274	40,552	60,298	5,651	4,802	17,283	21,698	493
% Change												
YTD 1991/90*	-6.5	-2.9	-9.9	-4.9	-5.5	-7.4	-7.6	-6.5	-6.9	-5.1	-3.3	-5.4

Source: Statistics Canada, Catalogue No. 63-005

\* Due to the change in indirect taxes, 1991 data are not strictly comparable with previous years. Refer to Appendix 3 for further information.

Note: Data presented here are estimates derived from a new retail trade survey. Refer to Appendix 2 for further information.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2399 \*\*

YTD refers to Year-to-Date total.

### 13.3 RETAIL SALES BY TRADE GROUP, ALBERTA (NOT SEASONALLY ADJUSTED)

	All Stores (1)	Supermarkets & Grocery Stores	Drugs & Patent Medi- cine Stores	Shoe Stores	Men's Clothing Stores	Women's Clothing Stores	Other Clothing Stores
(Millions of Dollars)							
1989	18,770.6	3,775.8	933.9	142.6	218.9	370.0	359.6
1990	19,878.2	3,974.7	969.4	131.6	233.7	383.1	368.0
1990							
Jan-Mar	4,363.9	928.1	224.9	28.0	43.6	81.1	70.7
Apr-Jun	5,098.1	1,032.7	234.7	33.1	52.9	94.7	84.3
Jul-Sep	4,976.0	1,009.9	239.5	32.8	49.3	95.2	90.0
Oct-Dec	5,440.2	1,004.0	270.3	37.7	87.9	112.1	123.0
1991* (p)							
Jan-Mar	4,075.5	966.8	216.8	23.2	36.0	77.2	75.5
Apr-Jun	4,898.2	1,064.2	226.5	30.3	46.1	91.9	89.8
Jul-Sep	4,794.5	1,074.2	229.6	30.1	41.2	96.9	92.0
Oct-Dec							

	Recreational & Motor Vehicle Dealers	Gasoline Service Stations	Automotive Parts, Acc. & Services	General Merchandise Stores (2)	Other Semi- Durable Goods Stores (3)	Other Durable Goods Stores (4)	Other Retail Stores (5)
(Millions of Dollars)							
1989	4,419.6	1,236.1	1,150.0	2,568.6	796.8	632.9	1,092.2
1990	4,547.1	1,449.9	1,297.6	2,767.8	751.3	645.6	1,078.8
1990							
Jan-Mar	1,100.4	316.5	266.2	537.1	143.0	123.6	223.4
Apr-Jun	1,315.6	345.2	347.5	642.6	199.3	147.6	265.0
Jul-Sep	1,126.5	380.2	339.8	654.6	190.3	161.6	276.1
Oct-Dec	1,004.6	408.0	344.1	933.5	218.7	212.8	314.3
1991* (p)							
Jan-Mar	875.3	316.2	244.8	556.5	130.4	108.5	210.3
Apr-Jun	1,157.1	335.6	310.7	667.1	206.4	139.3	259.1
Jul-Sep	1,009.8	368.5	295.4	667.1	194.2	137.1	269.9
Oct-Dec							

Source: Statistics Canada, Catalogue No. 63-005

\* Due to the change in indirect taxes, 1991 data are not strictly comparable with previous years. Refer to Appendix 3 for further information.

(1) Includes some trade groups which are not available separately.

(2) Includes department stores; general stores; and other general merchandise stores.

(3) Includes book & stationery stores; florists, lawn & garden centres; hardware, paint, glass & wallpaper stores; and toy, hobby, novelty & souvenir stores.

(4) Includes sporting goods stores; musical instrument & record stores; jewelry stores; and camera & photographic supply stores.

(5) Includes liquor, wine & beer stores; and retail stores not elsewhere classified.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2412 \*\*

### 13.4 NEW MOTOR VEHICLE SALES, ALBERTA

	Total Vehicles		Passenger Cars		Commercial Vehicles	
	Number	Value	Number	Value	Number	Value
1986	141,953	2,189,964	86,728	1,230,897	55,225	959,067
1987	131,687	2,220,173	77,670	1,190,623	54,017	1,029,550
1988	137,284	2,515,316	75,508	1,229,082	61,776	1,286,234
1989	137,889	2,647,672	74,248	1,278,545	63,641	1,369,127
1990	134,899	2,708,770	71,538	1,268,025	63,361	1,440,745
1990						
Jan	9,807	196,562	4,848	85,055	4,959	111,507
Feb	8,901	183,459	4,542	80,459	4,359	103,000
Mar	12,632	256,011	6,638	118,033	5,994	137,978
Apr	12,575	259,265	6,323	114,300	6,252	144,965
May	14,343	290,083	7,751	140,248	6,592	149,835
Jun	13,842	266,849	8,041	141,615	5,801	125,234
Jul	11,021	218,530	5,977	104,716	5,044	113,814
Aug	11,398	226,046	6,077	106,602	5,321	119,444
Sep	9,929	195,320	5,485	94,983	4,444	100,337
Oct	11,844	237,439	6,498	116,006	5,346	121,433
Nov	9,880	196,726	5,163	90,624	4,717	106,102
Dec	8,727	182,480	4,195	75,384	4,532	107,096
1991*						
Jan	10,485	188,539	6,196	99,764	4,289	88,775
Feb	8,380	157,027	4,455	72,979	3,925	84,048
Mar	11,947	227,198	5,947	97,989	6,000	129,209
Apr	14,170	273,429	7,054	120,520	7,116	152,909
May	15,109	283,197	8,470	142,640	6,639	140,557
Jun	15,105	282,727	8,057	134,841	7,048	147,886
Jul	11,824	222,861	6,321	105,410	5,503	117,451
Aug	9,641	178,164	5,362	88,934	4,279	89,230
Sep	11,091	207,749	6,048	98,694	5,043	109,055
Oct	9,672	186,318	5,125	87,596	4,547	98,722
Nov	9,209	182,710	4,386	75,506	4,823	107,204
Dec						

Source: Statistics Canada, Catalogue No. 63-007

\* Please note there was a change in indirect taxes beginning January, 1991. Refer to Appendix 3 for further information.

Note: Dollar values are in thousands.

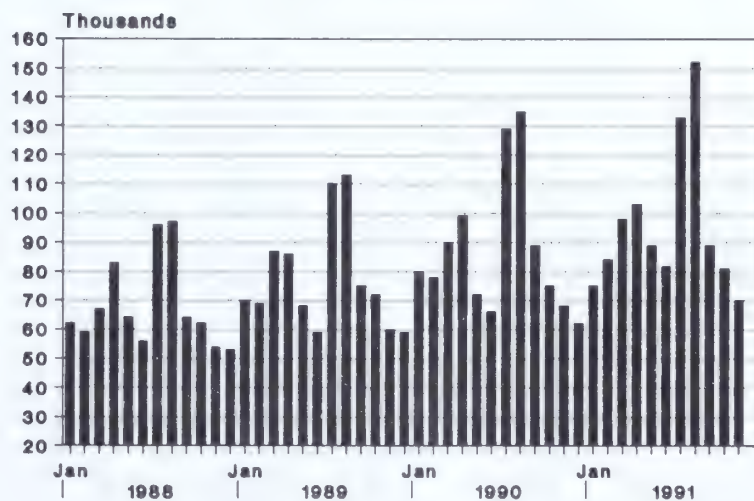
\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6257 \*\*





Chart 22

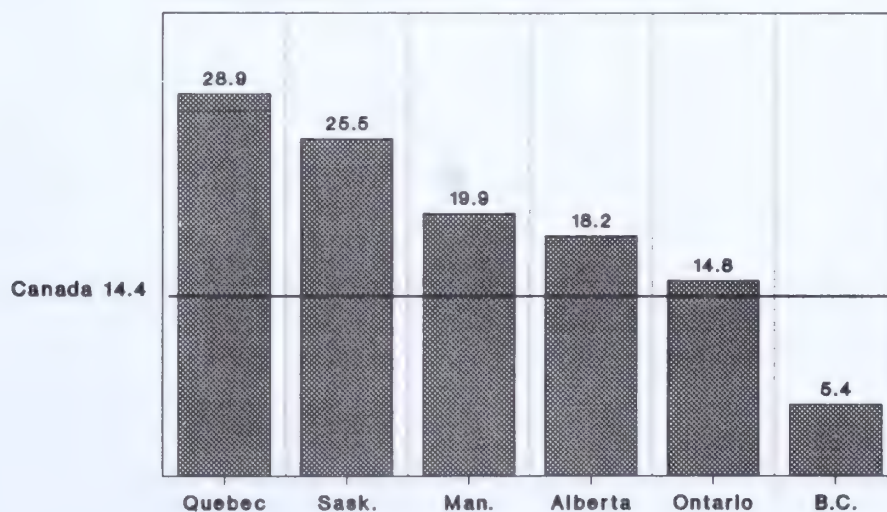
### Canadians Returning To Alberta From Trips to the U.S.A. (1)



(1) Trips made same day plus stays of one or more nights.

Chart 23

### Canadians Returning From Same-Day Auto Trips to the U.S.A. Percent Change Jan-Nov-91 From Jan-Nov-90



## 14.1 TRAVELLERS AND VEHICLES ENTERING CANADA AND ALBERTA

	Entering Canada		Entering Alberta				
	United States Visitors	Overseas Visitors	United States Visitors	Overseas Visitors	Canadian Residents Returning From Overseas	Canadian Residents Returning From United States	United States Automobiles
(Number)							
1986	38,199,514	2,259,827	477,510	82,001	105,101	709,673	108,456
1987	36,952,614	2,642,636	510,279	96,635	118,247	777,652	117,394
1988	36,147,055	3,105,860	560,527	119,591	110,312	814,635	119,455
1989	34,705,087	3,276,838	515,172	114,398	120,725	927,718	113,415
1990	34,734,079	3,256,391	524,506	108,942	124,545	1,042,802	114,505
1990							
Jan	1,730,393	122,121	18,024	3,120	12,027	80,060	3,251
Feb	1,606,230	115,706	17,742	3,395	10,815	77,939	3,147
Mar	2,068,105	148,299	24,475	3,621	12,363	90,345	4,310
Apr	2,266,947	198,495	22,263	5,569	12,122	99,053	4,298
May	2,943,752	300,288	34,446	9,949	9,805	72,345	7,555
Jun	3,882,219	396,470	73,127	15,903	8,070	65,548	17,098
Jul	5,105,334	529,681	125,228	22,483	9,420	128,814	29,573
Aug	5,249,922	524,011	94,682	18,589	13,485	135,226	22,061
Sep	3,277,478	375,506	48,731	12,799	9,247	88,989	12,008
Oct	2,529,217	231,850	25,358	5,337	8,911	74,553	4,831
Nov	2,103,162	139,614	18,275	2,755	9,492	67,746	3,183
Dec	1,971,320	174,350	22,155	5,422	8,788	62,184	3,190
1991							
Jan	1,568,151	118,391	16,965	3,590	14,022	75,130	2,743
Feb	1,693,937	118,793	19,182	3,932	11,964	84,387	3,313
Mar	2,113,674	156,783	25,566	5,452	12,449	97,755	4,355
Apr	2,107,950	181,784	19,872	4,314	11,281	103,110	3,948
May	2,929,772	296,260	32,923	9,755	8,961	88,873	7,393
Jun	3,826,068	388,121	76,965	16,597	8,196	81,999	18,142
Jul	4,925,895	531,861	112,740	21,875	9,280	133,059	27,106
Aug	5,145,807	537,940	95,463	19,277	13,824	152,561	22,710
Sep	3,081,846	378,597	50,142	14,250	9,203	89,306	12,030
Oct	2,412,476	220,600	24,849	6,303	9,845	80,984	4,788
Nov	1,875,557	133,847	16,696	2,961	10,458	70,463	2,935
Dec							

Source: Statistics Canada, Catalogue No.'s 66-001 and 66-201

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2661, 2670 AND 2692 \*\*

## 14.2 AIR PASSENGERS BY TYPE OF SERVICE, EDMONTON AND CALGARY AIRPORTS

	Total	Major Scheduled Services	Regional & Local Scheduled Services	Major Charter Services
(Number)				
<b>Calgary International Airport</b>				
1987	4,049,357	..	..	..
1988	4,549,797	4,133,951	283,286	132,560
1989	4,475,227	3,793,576	542,382	139,269
1990 (p)	4,584,809	3,849,592	581,744	153,473
1990 (p) Jan-Mar	1,066,293	878,622	145,441	42,230
Apr-Jun	1,180,335	1,004,623	149,783	25,929
Jul-Sep	1,324,910	1,121,037	153,673	50,200
Oct-Dec	1,013,271	845,310	132,847	35,114
1991 (p) Jan-Mar	1,004,568	795,287	162,029	47,252
Apr-Jun				
Jul-Sep				
Oct-Dec				
<b>Edmonton International Airport</b>				
1987	1,928,489	..	..	..
1988	2,072,354	1,913,056	50,829	108,469
1989	1,988,778	1,796,521	53,577	138,680
1990 (p)	2,014,942	1,867,712	54,445	92,785
1990 (p) Jan-Mar	481,215	434,211	10,052	36,952
Apr-Jun	505,661	477,478	13,334	14,849
Jul-Sep	579,963	539,941	20,717	19,305
Oct-Dec	448,103	416,082	10,342	21,679
1991 (p) Jan-Mar	415,334	371,981	10,255	33,098
Apr-Jun				
Jul-Sep				
Oct-Dec				
<b>Edmonton Municipal Airport</b>				
1987	845,811	..	..	..
1988	965,029	676,501	288,469	59
1989	1,029,713	541,788	487,784	141
1990 (p)	989,087	495,830	490,934	2,323
1990 (p) Jan-Mar	268,929	129,629	138,201	1,099
Apr-Jun	255,824	125,014	129,945	325
Jul-Sep	225,803	112,890	112,496	417
Oct-Dec	239,071	128,297	110,292	482
1991 (p) Jan-Mar	229,561	107,136	122,425	-
Apr-Jun				
Jul-Sep				
Oct-Dec				

Source: Statistics Canada, Catalogue No.'s 51-004 and 51-005

Note: Some figures may not add due to revision process.

### 14.3 ENTRIES TO NATIONAL PARKS, ALBERTA

	Total	Banff			Jasper	Elk Island	Waterton Lakes
		Total	East Gate	David Thompson			
(Number)							
1986	7,612,022	4,462,579	4,244,181	218,398	2,222,641	343,637	583,165
1987	7,720,752	4,558,410	4,343,386	215,024	2,162,835	374,515	624,992
1988	8,324,623	5,072,975	4,868,335	204,640	2,292,359	371,430	587,859
1989	8,761,740	5,418,754	5,202,717	216,037	2,413,555	377,643	551,788
1990	8,784,421	5,485,205	5,238,079	247,126	2,403,465	375,546	520,205
1990							
Jan	450,769	333,112	329,325	3,787	100,707	16,950	..
Feb	445,078	322,344	317,582	4,762	102,216	20,518	..
Mar	591,806	420,129	411,207	8,922	141,426	20,739	9,512
Apr	656,576	440,255	423,970	16,285	167,337	25,665	23,319
May	753,836	460,667	433,772	26,895	201,511	45,386	46,272
Jun	922,911	525,854	498,442	27,412	271,046	48,048	77,963
Jul	1,347,484	739,755	686,037	53,718	401,131	55,581	151,017
Aug	1,347,107	756,287	703,592	52,695	419,760	46,775	124,285
Sep	861,044	509,155	481,425	27,730	248,453	46,208	57,228
Oct	571,066	380,183	365,315	14,868	150,525	23,248	17,110
Nov	391,415	280,530	274,760	5,770	89,822	13,622	7,441
Dec	445,329	316,934	312,652	4,282	109,531	12,806	6,058
1991 (1)							
Jan	518,255	406,120	..	..	94,567	17,568	..
Feb	596,434	464,060	..	..	103,234	17,920	11,220
Mar	751,602	561,743	..	..	153,329	22,253	14,277
Apr	837,987	625,590	..	..	166,322	26,813	19,262
May	1,030,157	724,180	..	..	206,546	44,218	55,213
Jun	1,303,519	869,975	..	..	273,622	44,595	115,327
Jul	1,928,951	1,276,323	..	..	419,098	53,974	179,556
Aug	2,126,437	1,424,840	..	..	464,714	51,376	185,507
Sep	1,223,186	838,978	..	..	272,580	41,027	70,601
Oct	831,983	596,963	..	..	185,371	26,150	23,499
Nov	530,987	400,075	..	..	102,984	15,728	12,200
Dec							

Source: Parks Service, Environment Canada

(1) 1991 data are not directly comparable to prior years data due to a change in the recording system.

Note: Entries are the number of people entering the park for any reason.



# **DEFINITIONS**



## DEFINITIONS

### ASIST

ASIST (Alberta Statistical Information System) is a publicly accessible on-line information system for the retrieval, manipulation and dissemination of socio-economic data. ASIST has been developed in response to an ever-increasing need for a single source of timely and reliable information which is readily accessible to government departments and agencies, businesses and the general public.

ASIST contains current and historical statistical information on a wide range of subjects including population, energy, trade and commerce, prices, manufacturing, finance and construction. In general, this statistical information focuses on Alberta and its various geographical areas. The Alberta Bureau of Statistics is solely responsible for co-ordinating the entry, maintenance and updating of all data within ASIST. Where applicable, ASIST matrix numbers have been provided at the bottom of the tables. As well, many of the other statistical series presented in this publication are available on the CANSIM Mini-Base and can be retrieved through ASIST.

### Average Weekly Earnings

Average weekly earnings represent gross pay before deductions for taxes, unemployment insurance contributions, etc. This includes salaries, straight-time wages, piece-work and regular commission earnings, regular paid incentives, cost of living and other bonuses, payments to persons absent with pay in the survey reference week and overtime earnings (all pay received for the number of hours worked in excess of the standard workday or workweek). The payroll concept does not include supplementary labour costs.

All employees include salaried employees, employees paid by the hour and those employees whose basic remuneration is in the form of commission, piece rates, mileage allowances, etc.

Beginning January, 1987, changes to the survey were implemented involving the survey sampling frame. For further information, consult the May, 1987 issue of Statistics Canada Catalogue No. 72-002, "Employment, Earnings and Hours."

### Bank Rate

The Bank Rate is the minimum rate at which the Bank of Canada makes short-term advances to the chartered banks or to savings banks governed by the Quebec Savings Bank Act and after 1-Dec-80, to all members of the Canadian Payments Association. Data shown are for the last Wednesday in the reference month.

### Building Permits

#### Residential Building Permits - Number of Dwelling Units Created

##### 1. Single

Refers to structures containing only one dwelling unit completely separated from any other dwelling or structure.

##### 2. Cottages

Refers to seasonal dwellings such as summer homes and house-boats.

##### 3. Double

Refers to dwellings found in structures containing two dwelling units such as duplexes and semi-detached dwellings.

##### 4. Row

Refers to one-family dwellings in a structure of three or more attached dwellings.

##### 5. Apartments

Refers to all multiple housing with three or more units such as triplexes, quadruplexes, row duplexes as well as apartments proper. Flats which are part of a non-residential structure are also included.

##### 6. Conversions

Refers to dwelling units added by conversion of existing structures.

### Residential Building Permits - Value

Value of building permits issued for residential construction including residential garages, swimming pools, alterations and improvements.

### Non-Residential Building Permits - Value

Value of building permits issued for new construction, alterations and improvements for industrial, commercial, institutional and government construction.

#### **1. Industrial Building Permits**

Includes buildings used for manufacturing and processing; transportation, communication and other utilities; agriculture; forestry; and mine and mine mill buildings.

#### **2. Commercial Building Permits**

Includes stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial (signs, posters, heating and plumbing installations, etc.).

#### **3. Institutional and Government Building Permits**

Includes expenditures made by the community, public and government for buildings and structures - schools, universities, hospitals, clinics, churches, homes for the aged, blind, deaf and dumb, government office and administration buildings, law enforcement, etc.

### **CANSIM**

CANSIM is the name given to Statistics Canada's computerized data base. It is often termed a general purpose data bank offering a detailed and conceptually compatible set of aggregate data pertaining to a large number of interrelated fields. CANSIM contains over 60,000 timeseries of socio-economic information. An example of a timeseries would be monthly retail sales for Alberta.

Most of the information contained in this publication is available on CANSIM. For your convenience we have provided CANSIM matrix numbers at the bottom of applicable tables.

### **Census Division (CD)**

According to 1981 Census boundaries, Alberta is divided into fifteen census divisions. However, as a result of 1986 Census boundary changes, the total number of divisions has increased to nineteen. CD 8 split into CD's 8 and 9; CD 12 split into CD's 12 and 16; and CD 15 split into CD's 17, 18 and 19 (see 1986 Census map at the front of the publication).

### **Census Metropolitan Area (CMA)**

A CMA refers to the main labour market area of an urbanized core of at least 100,000 population, based on the previous census. The urbanized core, together with adjacent urban and rural areas, have a high degree of economic and social integration. CMA's are comprised of one or more Census Subdivisions (CSD's) which meet at least one of the following criteria:

1. the CSD falls completely or partly inside the urbanized core;
2. at least 50% of the employed labour force living in the CSD works in the urbanized core; or
3. at least 25% of the employed labour force working in the CSD lives in the urbanized core.

There are two CMA's in Alberta: Edmonton and Calgary.

In the 1981 Census, the Edmonton CMA included Bon Accord, Edmonton City, Fort Saskatchewan, Gibbons, Legal, Morinville, Redwater, St. Albert, Strathcona County No. 20 and Sturgeon Municipal District No. 90. In the 1986 Census, boundary changes were made resulting in the expansion of the CMA to include Leduc County No. 25 and Parkland County No. 31 with their respective component CSD's.

The Calgary CMA consisted of only Calgary City in 1981. In 1986, the CMA boundary increased to include Rocky View Municipal District No. 44 and its component CSD's, i.e. Airdrie, Beiseker, Cochrane, Crossfield and Irricana.



### **Consumer Price Index (CPI)** (*Refer to Appendix 3 for additional information*)

The Consumer Price Index is a price index which measures the percentage change through time of a constant quantity and quality of goods and services purchased by a representative Canadian urban family in a specified time period. The CPI for each city measures price changes from one time period to another within that specific city. Thus, while city CPI's show the movement of prices in each city, they do not indicate price level differences between cities, or between cities and Canada. The CPI is not a measure of true inflationary-deflationary trends; the inference of using the CPI as a measure of true inflation or deflation is incorrect. The CPI only measures percentage changes of a "basket" of commodities - not all items which contribute to inflation or deflation are included.

The city CPI's are compiled using updated weights obtained from the 1986 Family Expenditure Survey which outlines patterns of urban consumer spending behavior.

CPI's for the provinces are available beginning with the September, 1978 reference period. The provincial CPI's may serve as good tools for users who would prefer a regional measure rather than the Canada CPI, but find the city CPI's too narrowly based for their purposes. For provinces which have more than one published city CPI, some users have chosen to combine the published city CPI's to form their own "provincial" index. The new indexes provide for even greater coverage by also using some unpublished data in most provinces.

Statistics Canada publishes CPI's for 16 cities selected from within the ten provinces, with at least one of these cities in each province. The remaining urban centres for which indexes are not published are grouped into strata by city size and location. In Alberta, for example, CPI's are published for Edmonton and Calgary (each treated as an independent stratum), while Lethbridge, Medicine Hat, Red Deer and Fort McMurray are grouped as a single stratum. The weights of the provincial CPI for Alberta will therefore be the sum of the weights for the three strata.

The weights used relate to consumer expenditure patterns in 1986. Distinct expenditure patterns are separately estimated for each urban centre stratum. The total expenditure on each commodity for all strata in the province are summed to derive the provincial expenditure pattern.

#### Alberta Expenditure Weights by Major Component:

Food	17.44%
Housing	40.68%
Clothing	8.44%
Transportation	15.46%
Health and Personal Care	3.72%
Recreation, Reading and Education	9.19%
Tobacco Products and Alcoholic Beverages	5.07%
All-Items	100.00%

Refer to Statistics Canada Catalogue No. 62-010, "Consumer Prices and Price Indexes" for more information regarding provincial CPI's.

The CPI percent change is calculated by first subtracting the current period index from the previous period index and then dividing this index point difference by the previous period index and finally multiplying the result by one hundred.

### **Dwelling Completion**

Dwelling completion is the stage at which all the proposed construction work on a dwelling unit has been performed.

### **Dwelling Start**

A dwelling start is recorded when the footing has been installed, that is, when the concrete has been poured for the whole of the footing around the structure.

### **Dwelling Units**

Please note, the following definitions are applicable only to data from the Survey of Starts and Completions.

#### **1. Single Detached**

This is commonly called a "single house." It contains only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

#### **2. Semi-Detached**

This category includes each one of two dwellings separated by a common wall extending from ground to roof, or by a garage.

#### **3. Row**

This comprises only single attached houses in a row of three or more dwellings. Row-duplexes are not included in this category.

#### **4. Apartment and Other**

This category includes dwelling units such as:

- duplexes
- double duplexes
- triplexes
- row-duplexes
- apartments as commonly known
- dwellings over, or at the back of, a store or other non-residential structure.

### **Employed**

The employed labour force includes all persons who during the reference week:

#### **1. did any work at all**

#### **2. had a job but were not at work due to:**

- own illness or disability
- personal or family responsibilities
- bad weather
- labour dispute
- vacation
- other reason not specified above.

### **Employment/Population Ratio**

The employment/population ratio represents the number of persons employed expressed as a percentage of the population 15 years of age and over. The employment/population ratio for a particular group (age, sex, marital status, etc.) is the number employed in that group expressed as a percentage of the population for that group.

### **Farm Cash Receipts**

Farm cash receipts include the cash returns from the sale of all agricultural products except those associated with direct inter-farm intraprovincial transfers. Other components included are Wheat Board payments, cash advances on farm-stored crops, deferred grain receipts in Western Canada, Agriculture Stabilization Act deficiency payments, Western Grain Stabilization Act payments and provincial income stabilization payments.

### **Farm Debt Outstanding**

Farm debt is estimated using a calendar year-end debt outstanding figure. For institutions operating on a fiscal year ending 31-Mar, the debt outstanding at that year-end is used to represent the debt at 31-Dec of the previous year. Excluded from these figures are loans to farmers for non-farm business purposes and for personal use (household purposes). In the case of loans for automobiles, an arbitrary one half of the value of debt outstanding was included as a farm loan. Also excluded were amounts outstanding due to late payment of property tax and income tax.



### **Farm Operating Expenses and Depreciation Charges**

These estimates include farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All direct subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to approximate the replacement cost of the value of farm buildings and machinery used up in the year. Building depreciation estimates are for depreciation on farm buildings including the farm business share of houses on owner-occupied farms. Depreciation is calculated using a straight line rate of 35 percent and an expected building life of 28.5 years.

### **Gross Domestic Product at Factor Cost**

Gross Domestic Product (GDP) at Factor Cost is a measure of income accruing to the factors of production (land, labour and capital). It does not include income that accrues to the non-factor or invisible components of GDP (see GDP at Market Prices). Thus GDP at Factor Cost is derived from GDP at Market Prices by subtracting Indirect Taxes less Subsidies, plus Residual.

### **Gross Domestic Product at Market Prices**

Gross Domestic Product (GDP) at Market Prices refers to the total value of production within a given geographical area for a specific time period, and is measured in prices which prevail during the period being valued. Total production measures are based upon the earnings of the factors of production (Factor Cost) plus the non-factor costs of production (Indirect Taxes less Subsidies). GDP at Market Prices also includes an indirect measure of depreciation called Capital Consumption Allowances. Since this is a measure of production, it does not include transfer payments.

### **Gross Domestic Product at 1986 Prices**

Gross Domestic Product (GDP) at 1986 Prices is a measure of total production during a given time frame and a given geographical location which is valued in prices for some base year. For Alberta, the base year used is 1986.

### **International Trade** (*Refer to Appendix I for additional information*)

International trade statistics are compiled from administrative records filed with Customs. When goods are imported into or exported from Canada, declarations must be filed with Customs, giving such information as description and value of the goods, origin and port of clearance of commodities, and mode of transport.

Domestic Exports - include goods grown, extracted or manufactured in Alberta (including goods of foreign origin which have been materially transformed in Alberta). Exports to overseas countries are valued at F.O.B. (Free on Board) port of exit, including domestic freight charges to that point but net of discounts and allowances. As of January, 1990, exports to the U.S. are valued F.O.B. point of exit from Canada. Prior to 1990, they were valued F.O.B. place of lading net of freight charges, discounts and allowances.

Imports - import data by province of clearance indicates the province in which the goods were cleared by Customs either for immediate consumption or for entry into a bonded Customs warehouse. This may not always coincide with the province in which the goods are consumed or enter the productive process. Imports are valued F.O.B., place of direct shipment to Canada. It excludes freight and insurance costs in bringing the goods to Canada from the point of direct shipment.

### **Labour Force**

The labour force is composed of that portion of the civilian non-institutional population fifteen years of age and over who, during the reference week were either employed or unemployed.

### **Labour Income**

Labour income, comprising wages and salaries and supplementary labour income, is defined as all compensation paid to employees residing in Canada. Supplementary labour income, which is defined as payments made by employers for the future benefit of their employees, comprises employers' contributions to employee welfare and pension funds, workmen's compensation funds and unemployment insurance.

**Migration**

Migration is defined as a permanent change of residence from one geographical unit to another.

**Net Migration**

Net migration is the difference between in-migration and out-migration for a geographical unit.

**New Housing Price Index** (*Refer to Appendix 3 for additional information*)

The new housing price index measures changes in selling prices of new houses constructed by large and medium volume builders in metropolitan areas. The houses sampled are representative of the total being sold at that time but adjustments are made for changes in physical characteristics to arrive at pure price change. Prices used are the selling prices agreed upon between builder and buyer at the time of signing the contract. Prices relate to mid-month. The total index includes the house and the serviced lot on which it stands.

**Newly Completed and Unoccupied Dwellings**

Newly completed unoccupied dwellings are those which are not sold or rented at the time the dwellings are reported as completed in the Survey of Starts and Completions. The units are surveyed every month until they are sold or rented.

**Participation Rate**

The participation rate represents the labour force as a percentage of the population fifteen years of age and over. The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group.

**Personal Disposable Income**

Personal Disposable Income consists of total personal income less personal direct taxes and other current transfers to government from persons.

**Personal Income**

Personal Income includes all forms of income received by persons and unincorporated businesses:

1. wages, salaries and supplementary labour income
2. military pay and allowances
3. net income of non-farm businesses including rent
4. net income of farm operators from farm production
5. interest, dividends and miscellaneous investment income
6. transfer payment income from government, corporations and non-residents.

**Prime Rate**

The Chartered Banks' Rate on Prime Business Loans is the rate charged to the most credit-worthy borrowers. The rate shown is of the last Wednesday of the month. When there are differences in the rate charged by individual banks, the most typical rate or rates are taken.

**Private and Public Investment**

Private and Public Investment consists of total outlays for construction and for the acquisition of producers' machinery and equipment by Canadian business, institutions and governments, together with expenditures for housing. Capital expenditures include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as net additions to existing assets. Repair expenditures represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets.



**Retail Sales (Refer to Appendices 2 and 3 for additional information)**

Retail sales are defined as the aggregate sales made through retail locations (outlets). Retail sales estimates do not include any form of direct selling which bypasses the retail store, for example: direct door to door selling; sales made through automatic vending machines; sales of newspapers or magazines sold directly by printers or publishers; and sales made by book and record clubs. Retail sales exclude: retail sales through ancillary units, for example, warehouses, head offices, etc.; sales of contractors whose major activity is not retailing; and retail transactions between individuals.

**Seasonal Adjustment**

Fluctuations in economic time series are caused by seasonal, cyclical and irregular movements. A seasonally-adjusted series is one from which seasonal movements have been eliminated. Seasonal movements are defined as those which are caused by regular annual events such as climate, crop cycles, holidays and vacation periods, grain receipts in Western Canada, deficiency payments made by provincial governments and the agriculture stabilization board and provincial income stabilization payments.

**Taxation Statistics**

Taxation Statistics are based on individuals that have filed tax returns with Revenue Canada, Taxation. Allocation of income is on the basis of the taxfiler's address at the time of filing. These figures should not be used to arrive at a per capita personal income figure for the province or sub-provincial areas for the following reasons:

1. Some individuals (e.g. students) who have earned small amounts of income during a year may not file a return with Revenue Canada
2. Some taxfilers may not report all income received, i.e., understate their income
3. Imputed income is not included in taxation statistics, e.g., free room and board, clothing, etc. provided to employees.

**Three-Month Moving Averages**

A three-month moving average is the sum of three consecutive monthly estimates ending with the current month divided by three.

To improve the usefulness of sub-provincial labour force data, the monthly estimates have been replaced by three-month moving averages. Sub-provincial estimates show greater variability in their month to month value than provincial data. Therefore, averaging these estimates shows more clearly the underlying movements of time series by reducing the effects of the irregular fluctuations. In addition to providing smoother time series, three-month moving average statistics will have lower sampling errors than the monthly survey data because of the increase in the number of observations upon which the estimate is based.

**Typical Mortgage Rate**

The typical mortgage rate is the rate charged by chartered banks on either 1 year or 5 year mortgages. Monthly data refer to the last Wednesday of the month.

**Unemployed**

The unemployed includes those persons who during the reference week:

1. were without work, had actively looked for work in the past four weeks (ending with reference week) and were available for work
2. had not actively looked for work in the past four weeks but had been on layoff for twenty-six weeks or less and were available for work
3. had not actively looked for work in the past four weeks but had a new job to start in four weeks or less from reference week, and were available for work.

**Unemployment Rate**

The unemployment rate represents the number of unemployed persons as a percent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the unemployment in that group expressed as a percent of the labour force for that group.

**Value of Construction Work Purchased**

The Value of Construction Work Purchased consists of the total value of output of both the construction industry and construction labour forces in other industries. Also included are related construction costs which are accumulated during the creation of a structure. Examples include pre-construction planning and design, management, legal and real estate fees, interest during construction, etc.

**Value of Farm Capital**

Land and Buildings - value of land and buildings is an estimate of the value of real estate used for agricultural purposes or the value of real estate used for agricultural production located on one acre or more and with gross sales greater than \$250.

Implements and Machinery - value reported at its market value, which is the value the machinery would have in its present condition in an auction sale.

**Value of Manufacturing Shipments**

Value of manufacturing shipments is defined as the gross value of goods produced from its own materials by the reporting establishment, or for its account. Value is net of discounts, returns and allowances, sales tax, excise taxes and duties, returnable containers and common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Shipment values in this publication are monthly projections of annual census of manufacturers' values based on returns from a stratified systematic sample of manufacturing establishments.

**Wells Drilled - Type Of**

Development - developmental drilling takes place within a proven or established area of an oil reservoir to a depth known to be productive.

Exploration - exploratory drilling refers to locating oil fields or pools, or testing for new fields or pools, in areas that have not been designated as producing areas.

# **APPENDICES**





## APPENDIX 1

### Changes to Collection of Export Data by Statistics Canada

Statistics Canada, the United States Bureau of the Census and the Customs Agencies of Canada and the United States signed a Memorandum of Understanding to exchange import data. Starting with January, 1990 data, Statistics Canada will no longer publish statistics on exports to the United States based on Canadian export documents. Instead, it will rely on American imports from Canada as compiled by the United States Bureau of the Census. Likewise, the United States Bureau of the Census will also be replacing its exports to Canada statistics with Canadian imports from the United States data as compiled by Statistics Canada.

As a result of the data exchange, users of Canadian export data (on a Customs basis) will observe higher values for most of the commodity categories concerning the United States. The changes are attributable to:

1. Improved coverage - import documents are subject to more rigorous control than exports due to the management of tariffs and the enforcement of trade agreements.
2. Valuation of products exported to the United States on a F.O.B. (Free On Board) port of exit basis - as compared to a F.O.B. place of lading basis prior to 1990. Thus Canadian exports to all countries will be on the same basis.
3. Inclusion of the U.S. Virgin Islands and Puerto Rico with Canadian/United States trade - these territories were published as separate entities prior to 1990.

## APPENDIX 2

### Changes to the Retail Sales Survey Conducted by Statistics Canada

Past estimates of consumer spending resulted from a monthly survey designed and introduced in the early 1970's. In recent years the survey had come to underestimate by a significant margin the total value of sales. A new survey was developed and conducted in "parallel" to the old survey for the January, 1989 to December, 1989 period. Information obtained from the parallel survey was used to develop historical statistics for the new survey. These estimates from the new survey are available beginning with the January, 1981 reference period.

The major changes introduced with the new survey are:

1. The new survey relies on a new and up-to-date business register from which names and addresses of retail businesses are drawn. New procedures allow the register to be updated more promptly and accurately in terms of new companies, firms going out of business and companies making changes in the nature of their activities.
2. The new survey is based upon the 1980 version of the Standard Industrial Classification and the 1986 version of the Standard Geographical Classification. Previously, three different codes were used: 1960, 1970 and 1980. Retail trade is the first series to use the new business register. Statistics Canada plans to eventually use the new register for all business surveys (e.g. the employment, earnings and hours survey). Increased efficiency in updating the register as well as consistent classification of components should lead to better data quality within series and improved comparability with other surveys.
3. Estimates are produced for 16 (a reduction from 28 in the old survey) trade groups for Canada, the provinces and territories. Currently, quarterly sales by trade group are available for the provinces and territories beginning with the 1st Quarter, 1989 reference period. Both monthly and quarterly historical sales by trade group are available for Canada.

## APPENDIX 3

### The Goods and Services Tax (GST)

As of January 1, 1991, the GST, a 7% consumption tax, replaced the 13.5% Federal Sales Tax (FST), which was buried at the manufacturer's level. The FST was applied before transportation, wholesale and retail costs were added to a commodity. For consumers, the GST is similar to a broadly based retail tax charged on almost all goods and for the first time, most services. Goods exempt from the GST include: basic groceries, prescription drugs, medical aids and appliances, residential rents, and sales of previously owned homes. Exempt services include: municipal transit services, health and dental care, daycare, legal aid, and insurance policies, loans, mortgages, and securities.

#### **Retail Sales**

Retail Sales data as of January, 1991 exclude the GST. Figures prior to 1991 included the FST. Consequently, data for 1991 are not strictly comparable to previous years. For comparable data, Statistics Canada has estimates available of the amount of FST included in 1990 sales data at the Canada level only. The reliability of the estimates do not allow adjustments to be made at the provincial level or for trade groups.

#### **Consumer Price Index (CPI)**

The prices used to calculate the CPI include all indirect taxes. Therefore, starting with January, 1991 data, prices include the GST.

#### **New Housing Price Index (NHPI)**

The FST has been eliminated on the construction of new homes and replaced with the GST and a supplementary rebate program for new buyers. Existing houses for resale are not subject to GST since building materials have already been taxed under the old FST. As of January, 1991, the New Housing Price Index (based on contractor's selling prices) excludes the GST paid by the final purchaser. For comparison purposes, Statistics Canada has developed an analytical version of the NHPI calculated from the same price survey, incorporating estimates of the amount of tax paid and rebates permitted.

#### **New Motor Vehicle Sales**

The 13.5% manufacturer's tax on the production of new automobiles has been removed and replaced by the 7% GST. The GST is applied to the sale of new and used automobiles by motor vehicle dealerships; the GST is not applied to the private sale of used vehicles. The value of new motor vehicle sales does not include the GST.







